

PI-Directed Wildlife Training

Effective January 1, 2006, the CEE will require PI-Directed training for wildlife users. The necessary steps are outlined below. These will aid the Science Local Animal User Committee and Principal Investigators in fulfilling the Education Sub Committee's guidance on PI-Directed training as directed by the Canadian Council on Animal Care's Care and Use of Wildlife Guidelines.

Implementation of PI-directed Wildlife Training.

- A. A synopsis should be developed and given a name, by the Principal Investigator to address all pertinent training issues as outlined in the Animal Care and Use Guidelines for Investigations Involving Field Research on Wildlife. *Click here for this guidance document.*
- B. The synopsis is to be submitted to the appropriate CEE to represent the PI-Directed component of the University Of Manitoba Short Course on the Care and Use of Experimental Animals for approval
- C. As an indication of their understanding, the Certification of Delivery page of the document will be signed and dated by all personnel involved in the study. Copies of the signed Certification of Delivery page are forwarded to the Laboratory Animal Training Coordinator so that participation in these training exercises can be recorded in the LATC training database.

University of Manitoba

Animal Care and Use Guidelines for Investigations Involving Field Research on Wildlife

Purpose:

Investigators conducting wildlife research work with so many different species and employ such a diverse array of techniques, that a singular course presenting aspects of animal ethics and care pertinent to all such investigations cannot be developed. Principal Investigators are responsible, however, for ensuring that all personnel involved in such work are aware of potential health risks to themselves, and are intimately familiar with not only the general principles surrounding the ethical use of animals in research (outlined in the Canadian Council on Animal Care - Guide to the Care and Use of Experimental Animals, and presented via mandatory completion of the University of Manitoba's online course in the ethical use of animals in research), but also those sundry matters that arise in the context of conducting research on their particular study species and/or study system. Researchers are urged to consult the Canadian Council on Animal Care's Guidelines on The Care and Use of Wildlife (downloadable as a PDF at: <http://www.ccac.ca/english/Gdlines/Wildlife/Wildlife.pdf>) for a comprehensive consideration of factors that may merit consideration in conducting work with wildlife species. To that end, a list of topics based on those guidelines has been developed to aid each Principal Investigator in the development of a synopsis which can be used as an instructional instrument for all personnel participating in their research program. A Certification of Delivery (sample included on page 3) should be included as the final page of each synopsis. *Click here for an example synopsis.*

Implementation:

The list on the following page presents topics which must be reviewed by the Principal Investigator with all personnel working with wildlife. Specific risks, factors and or methodological considerations pertinent to the Principal Investigator's study species and system should be incorporated into that list to develop a synopsis for distribution to all personnel working on the research in question. As an indication of their understanding of the matters and/or techniques detailed under the topics presented in the synopsis, all research personnel should sign and date the Certification of Delivery page, and return a copy of the synopsis to the Principal Investigator, who shall retain those copies on file and make those available for perusal by members of any site-visit committee during PMRC and/or CCAC site inspections.

Training Database Documentation:

In order to ensure training records are up to date in the official database, a signed copy of the Certification of Delivery must be forwarded to the Laboratory Animal Training Coordinator as per the instructions on the page.

Central Topics:

Adherence to governmental wildlife regulations

- provincial, state and/or federal

Health risks to personnel

- predation, parasitism or disease risks (biohazards)
- drug or other equipment/procedural hazards
- other environmental hazards (UV, dehydration etc.)
- emergency preparedness (contact numbers, nearest first aid)

Observational studies

- minimizing impact of observers

Capture

- methods of live capture, special precautions
- capture for collection of specimens

Restraint

- physical restraint and handling
- chemical restraint and anesthesia

Marking

- external bands or tags
- Passive Integrated Transponders
- tissue or pelage marking
- radio transmitters

Manipulation of animal's environment

- elements of deprivation (food, water, shelter, social contact)
- alteration of biotic factors (habitat, competition, predation, parasitism)
- manipulation of social factors (group composition, studies of communication)

Medical/Surgical Procedures

- use of analgesics
- minor procedures (e.g. tissue sampling)
- major procedures

Transport/Holding

- translocation and release
- physical conditions/husbandry

Housing

- husbandry

Euthanasia

- acceptable versus unacceptable methods
- disposition of euthanized animals

Emergency Veterinary Care

- circumstances under which to seek assistance
- contact numbers, location of local veterinarians

Remediation of Environmental Impact

- minimizing initial impact
- daily site management
- season end management and remediation

Certification of Delivery of a PI-Directed Wildlife Training Synopsis

Synopsis Title: _____

Protocol Number: _____

Certification

I, _____, hereby certify that I have read and understand the issues, techniques and cautions detailed under the topics presented in the synopsis titled as stated above. I thus knowingly accept any and all risks associated with the research undertaking, and will ensure that animals used in the context of said research are treated in a humane manner consistent with the guidelines of the CCAC, University of Manitoba Policy 1404, The Animal Behavior Society if applicable, any provincial or federal regulations that apply and the applicable Protocol Management Review Committee.

Signed:

_____, Date: _____

Signature Witnessed By:

_____, Date: _____

I, the Principal Investigator on the above protocol hereby certify the above named person has received appropriate training and is capable of handling and performing the necessary procedures on the animals identified in the syllabus as required.

PI Name: _____ PI Signature: _____

at Winnipeg, MB

Signed copy of this Certification must be forwarded to Laboratory Animal Training Coordinator at the University of Manitoba:

Ms. Denise Borowski
053 Apotex Centre, 750 McDermot Ave.
Winnipeg, MB
R3E 0T5
Fax: 204 789-3914
Phone: 204 789-3960

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