



Animal Care Committee
Animal Utilization Protocol
Teaching Form

For Office Use Only Revised Form - January 2018
Date Received:
Protocol #:
File #:

Note:

- Hand written protocols will not be accepted for review.
- Protocols are due the 1st Friday of every month.
- When submitting a protocol with Proprietary Compounds, state in the e-mail subject line: **Proprietary Compounds.**
- Both the signed hardcopy and electronic protocol submission must be submitted by the deadline date.
- Submit one copy of original protocol to ACC Admin. in the Dept. of Biomedical Sciences, AVC.
- Submit an electronic copy to animalcare@upei.ca.
- Retain a copy for your files.

Section 1 – Pedagogical Merit

Teaching protocols require departmental review for pedagogical merit (See Appendix C)
(After PMR Form has been approved attach it to the hardcopy of the AUP Teaching Form)

Section 2 - Course Number & Name, Proposed Start Date, Expected Completion Date

Course Number & Name: _____

Proposed Start Date of Course: _____

Expected Completion Date of Course: _____

Section 3 - Course Coordinator

Name: _____ Dept.: _____

E-mail: _____

Work Phone: _____ Home Phone: _____

*List Date & Place of Completion of Most Recent Animal User Training: _____

Section 4 - Category of Invasiveness - (Highest Level)

From Section 12 - Procedures (Place an "X" in a box:)

A	B	C	D	E
□	□	□	□	□

Section 7 - CCAC Reporting Data

For CCAC reporting purposes, please write a summary description of your project (40 words or less), in terms understandable to a non-scientist. Example: Sampling blood from fish exposed to Virus X.

Section 8 - Purpose of Animal Use Category

Applies to all teaching protocols.

x

5 - Education and training of individuals in post-secondary institutions or facilities.

Section 9 - Animals to be used

A) List all animals involved in the course.

Species	Strain	No. needed at one time	Total Requirement for Year 1	Housing (Bldg & Rm)	Experimental (Bldg & Rm)

B) Indicate consideration given to reduce the use of animals. (If possible provide appropriate statistics / power calculations).

Place an "X" in a box:

C) Does the project involve the use of client-owned animals?

Yes

No

If "yes" did you attach a copy of the "Client Consent Form"? (See Appendix B)

Yes

No

Section 10 - Procurement

A) Where will animals be procured from: (Place an "X" in Box / List Source and Ownership)

Laboratory Stock:

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

Source:

Ownership:

Farm/Stockyard:

Source:

Ownership:

Wild Population:

Source:

Ownership:

B) Trapping Wildlife

Does this section apply to your protocol? (Place an "X" in a box)

Yes

No

If you checked "yes" fill out the rest of this section if you checked "no" you may omit this section.

Name of license holder: _____

Permit / License #: _____

Expiration Date: _____

Attach copies of all permits. Copies of all permits must be provided to the ACC once obtained.

Specify: Method of capture (if a trap is used, indicate type of trap, its injury potential and monitoring frequency).

Transportation and / or housing of animals in the field:

Capture of non-target species:

Potential injuries or mortality during capture:

Potential ecological disruption (type and degree of disruption anticipated):

Disposal of animals (e.g. euthanasia, release to field):

Section 11 - Reduction, Refinement, and Replacement

In accordance with the Canadian Council on Animal Care's request for compliance with the principles of "Reduction, Refinement, and Replacement":

A) Explain steps taken to minimize the number of animals used:

B) What consideration has been given to the use of alternative methods which do not involve live animals, for example computer simulations, videos, etc.?

C) What was the rationale in selecting the animal species/strain for this teaching exercise?

Section 12 - Procedures

Review categories of invasiveness in animal experiments www.upei.ca/research/research-services/research-certifications/animal-care.

A) For either groups of animals or individual animals, list all procedures and indicate what measures will be taken to alleviate or minimize pain and/or distress to the animal.

Include conditioning programs, screening for behavioural soundness, pre-operative assessment, post-operative care, specify analgesics & anaesthetics with dosages and routes of administration, and special procedures used; attach SOP's if available. Include euthanasia protocol if part of the usual procedures.

Species / Number of Animals	Procedures	Frequency / Duration	Analgesic / Anaesthetic (If none, please explain)	Dosage	Category of Invasiveness (A - E)

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B) Specify the criteria that will be used to assess the level of analgesia / anaesthesia required.

C) Give a sequential description of the use of animals in this teaching exercise.

Section 13 - Animal Care

A) List all the individuals who will carry out the above procedures. Provide their technical qualifications and relevant experience in performing these procedures.

Name	Procedure(s) to be Performed	Qualifications / Experience with These Procedures

B) Explain refinements that have been made to minimize pain, distress and/or discomfort to the animals. Refer to the above listed procedures. (i.e. modified procedures)

Section 14 - Endpoints

A) Indicate any clinical conditions or abnormalities which may occur.

(eg. Behavioural changes such as increased or decreased grooming, vocalizations or postural changes, or physical abnormalities such as anorexia, dehydration, diarrhea, etc.)

B) Specify what health performance parameter(s) or other criteria triggers the decision for termination of the experiment or the animal. List the people who are responsible for these decisions.

(eg. Weight loss. Refer to CCAC guidelines on "Choosing an appropriate endpoint in experiments using animal for research, teaching and testing" at www.ccac.ca.)

C) The interval(s) of monitoring of animals are to be clearly described and specific details must be provided where possible.

Section 15 - Euthanasia / Disposition

A) Specify the method of euthanasia and dosage:

B) Provide justification for use of any physical method of euthanasia (e.g. cervical dislocation, decapitation, etc.) without prior use of anaesthetic:

C) Final disposition of animals if not euthanized:

Section 16 - Hazardous Agents

A) Biohazardous Materials: (Place an "X" in any of the boxes that are used in this project)

	Bacteria
	Mycoplasma
	Virus
	Parasite
	Fungi
	Algae
	Unfixed animal blood, tissue, cells, body fluids
	Unfixed human blood, tissue, cells, body fluids
	Cell culture
	Non-indigenous life form (not found in PEI)
	Procedures involving large scale production of micro-organisms (>10 L)
	Genetically modified micro-organisms, animals, or plants
	Biological toxin

Are any of the above applicable? (Place an "X" in a box)

Yes

No

If you checked "yes" fill out the rest of this section, if you checked "no" you may proceed to 16 B).

If **any** of the above are applicable to your project, you must obtain a biosafety permit as outlined in the University's Biosafety in Research and Teaching Policy **before** beginning work on your project. Exceptions might exist in some cases. These must be determined by the Biosafety Committee. Research carried out without obtaining a Biosafety Permit when necessary, will be treated as failure to comply with University policy and will result in a review by the Biosafety Committee and may lead to disciplinary action. Contact the Biosafety Officer if you have any questions.

If your project includes an animal population infected with a pathogen transmissible to humans or other animals, this must be noted in the biohazardous materials inventory (in addition to all biohazardous substances under your control).

Are you a registered user of this inventory? (Place an "X" in a box)

Yes

No

If you need assistance in accessing this inventory, please contact the Biosafety Officer.

Has a Biosafety Permit Application been submitted? (Place an "X" in a box)

Yes

No

Has a Biosafety Committee Approval been obtained? (Place an "X" in a box)

Yes

No

Biosafety Permit Number for this project, if available: _____

B) Are hazardous agents listed below used in this project?

Is this applicable: (Place an "X" in a box)

Yes

No

If you checked "yes" fill out the rest of this section if you checked "no" you may omit this section.

Type:	Specify Agent:
Radio-Isotope	
Carcinogen	
Chemical	
Other (e.g. electroshock)	

Specify what special animal care is required because of the hazard(s) involved:

Section 17 - Emergency Veterinary Care

In the event of an animal health emergency, if contact cannot be made with the personnel listed in Section 3 and 5, the decision of an University Veterinarian will be final.

Do any restrictions to normal veterinary care procedures apply to this course?
(Place an "X" in a box)

Yes

No

If YES, provide specific instructions for the University Veterinarian.

Section 18 - Signatures

Following approval, a protocol number and file number will be assigned. These numbers must be used when ordering animals and it is understood that these animals will be used only as described in this protocol.

- This animal utilization protocol is **VALID FOR 12 MONTHS** from the date of commencement.
- Multi-year animal utilization protocols can be renewed for a **MAXIMUM OF 4 YEARS IN TOTAL**.

This animal utilization protocol accurately describes all the proposed animal use. It will be kept current and will be modified only after obtaining the approval of the Animal Care Committee.

All procedures will be carried out by the personnel listed in Section #13 who are trained and competent in using approved techniques and standard operating procedures.

The University Veterinarian will be notified within 24 hours of any unexpected problems or complications involving animal health and wellbeing in this teaching protocol.

I certify the information provided is accurate and complete:

Principal Instructor: _____ **Date:** _____

Department Chair: _____ **Date:** _____

**Owner of Teaching
Animals' Department Chair:** _____ **Date:** _____
(If Different than above)

Section 19 - Approval

CERTIFICATION STATEMENT: The Animal Care Committee, having examined the proposal for the above project on matters relating to animal care and use, approves the experimental procedures proposed and certifies with the applicant that the care and treatment of animals used will be consistent with the University policy and will be in accordance with the principles outlined in the "Guide to the Care and Use of Experimental Animals" prepared by the Canadian Council on Animal Care. The Animal Care Committee also recognizes and respects the right of the investigator to privacy and confidentiality concerning the information presented in this protocol.

Chairperson, UPEI ACC: _____ **Date:** _____

Approved period for animal use beginning: _____ **ending:** _____