

Policy: Animal Use Protocols

Category: Administration

Subject: The generation, review and approval of Animal Use Protocols

Approving Authority: University Council on Animal Care

Responsible Office: Animal Care Committee

Related Procedures: Procedures for Animal Use Protocols

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Revised:

Purpose

The objective of this policy is to outline criteria for the generation, review and ethics approval of Animal Use Protocols (AUP) associated with Western's animal-based science program to ensure alignment with current National, Federal and Provincial and Institutional regulatory policies.

Rationale

Canadian Council on Animal Care's Terms of Reference for Animal Care Committees (ACC) states that *"no animals be held for display or breeding purposes, or for eventual use in research, teaching or testing projects, without prior ACC approval of a written Animal Use Protocol"*.

Ontario Ministry for Agriculture and Food and Rural Affairs' (OMAFRA) Animals for Research Act states *"Every animal care committee....shall be responsible for co-coordinating and reviewing, (a) the activities and procedures relating to the care of animals; (b) the standards of care and facilities for animals; (c) the training and qualifications of personnel that are engaged in the care of animals; and (d) procedures for the prevention of unnecessary pain including the use of anaesthetics and analgesics, in every research facility in connection with which the animal care committee is established, having regard to the requirements of this Act and the regulations."*

OMAFRA's Animals for Research Act states *"The operator of a research facility shall, prior to conducting any research project in which animals are to be used, file, or cause to be filed, with the animal care committee a research project proposal setting forth the nature of all procedures to be used in connection with such animals, the number and type of animals to be used and the anticipated pain level that any such animal is likely to experience."*

The Tri-Agency's *Agreement on the Administration of Agency Grants and Awards by Research Institutions* states that an institution shall:

- Allow access to research funds only after the institution's animal care committee or another animal care committee designated by the Institution has approved the research, unless the activities involving animals will only take place in the future, in which case a part of the funds may be released to cover only expenses to be incurred before animals are used; and

- Ensure that approval by the animal care committee is maintained for the duration of research activities involving the use of animals and that, subject to (ii), funds are available to the Recipient only while this ongoing requirement is met.

Western's MAPP 7.12 Procedures document echoes expectations of both federal and provincial regulatory bodies by stating that the ACC and animal-based scientists must align their Animal Use Protocols with this policy.

Scope

This policy applies to all animal-based scientists within Western's Research Community.

Policy

General

Animal Use Protocol (AUP) form content, review and ethics approval policies and procedures must be developed and undertaken in accordance with all Federal, Provincial, and University policy statutory requirements and guidelines with particular reference to CCAC's guidelines on Animal Use Protocol review (1997).

Pursuant to existing policy of the University and of the broader scientific community, since the AUP is considered the intellectual property of the researcher, it must be made available only for confidential use by authorized individuals and not for unauthorized distribution.

AUPs must be submitted by Faculty members of Western University, LHSC-Lawson appointed scientists, or an ACVS Veterinarian unless otherwise approved by the ACC.

All animal-based science and Animal Displays must be fully disclosed within an AUP.

Although an optional AUP Facilitation service is offered to animal-based scientists during the initial development of an AUP, in instances where AUP content requires significant updates as identified during the AUP review process, PIs must undergo AUP facilitation.

AUPs must be submitted using the ACC's AUP management system.

All AUP documentation must be submitted to the ACC with sufficient time (outlined within AUP Procedures) to allow for review and approval prior to either expiry date, renewal date, or the date at which the researcher wishes to start the proposed work.

The AUP and supporting information must explain the animal-related impact of the proposed animal-based science in a manner that all members of the ACC understand.

Submitted documentation must be reviewed using the appropriate workflow for review and approval in accordance with its Protocol Review Type.

Any AUP with an 'unfinished' or 'pending' status must have a workflow date less than six months, or it will be removed from the AUP management system, unless extended with approval from the ACC Chair.

All AUPs must be reviewed for ethics specific to animal health and welfare by ACC members representing roles as per UCAC's Animal Care Committee Terms of Reference.

Final ethics approval of AUPs by the ACC must only be granted following receipt of Other Associated Reviews, as applicable:

- ACVS Veterinarian, clinical review,
- Animal Educators to identify training requirements for all personnel listed within the AUP, as per *MAPP 7.10*,
- the AC Facility Supervisor or designate responsible for the animal holding and/or use areas listed within the AUP,
- Scientific Peer Reviewers, in the absence of a pre-existent external scientific peer review
- Occupational Health & Safety Officers/Research Western's Animal Research Safety Consultant, and
- Pedagogical Merit Reviewers

AUPs must be approved prior to the procurement and/or use of animals in animal-based science.

- Research animal procurement must align with approved AUP content – species, strains, authorized animal numbers - and with UCAC's *Research Animal Procurement Policy* and related Procedures

On a monthly basis, all AUP forms that have been approved by the AUP Review Working group or other ACC Designates during the previous month must be made available to the full ACC.

Post Approval

Once approved, an AUP is valid for a maximum of four years to the last day of the month of the initial approval, and must undergo yearly review by the ACC via an Annual Protocol Renewal form.

- A maximum of three one-year renewals is permitted.
- A full Animal Use Protocol Form must be submitted following Year 4.

Animal-based science and displays must only continue while the associated AUPs maintain an 'approved' status.

- In rare situations, any extensions to AUPs must be authorized in writing by the ACC Chair where appropriate justification is provided.

Assurances to funding agencies must be provided by an ACC Designate via Research Western's Grants Office following ACC AUP approval.

PIs must ensure that individuals listed in their AUP have full ongoing access to their AUP and have full understanding of their roles as outlined within.

PIs must ensure that all individuals designated to perform any procedures approved within their AUPs complete all related CCAC and institutional mandatory training and are competent to perform these procedures in advance of undertaking them, as per *MAPP 7.10*.

PIs must ensure that

- procedures performed on animals directly align with approved AUP content, and any requested procedural changes are pre-approved by the ACC via a Protocol Modification or full AUP form,

- Standard Operating Procedures identified within the AUP are followed,
- Monitoring and Scoring sheets within the AUP are followed.

All ACC-approved AUPs must be included in Western's Post Approval Monitoring Program, as per MAPP 7.15.

Regulatory information from AUPs must be sent annually to CCAC and OMAFRA using regulators' Animal Use Data Forms.

Any Concerns not readily resolved by accountable parties associated with Animal Use Protocols and related processes and timelines must be forwarded to the ACC Executive for consideration as per the *Concerns Identification, Project Refinement and Corrective Response Policy* and related *Procedures*.

Protocol Modifications

An AUP holder must submit all modifications to the approved AUP using a Protocol Modification form via the ACC's AUP management system to request ACC approval of planned changes in advance of introducing any such changes to ensure that documentation aligns with practice.

- All Major Protocol Modifications must be reviewed and approved by the full ACC or an AUP Review Working group
- All Minor Protocol Modification Forms must be approved either by the ACC Chair, ACC Vice Chair, an ACVS Veterinarian, or a Designate who is competent to make an informed decision.

As determined by the ACC, where a Protocol Modification involves a significant change(s) in animal utilization or the direction of the research, teaching, or testing, a full AUP must be submitted.

Special Cases

Pilot Studies,

- A PI must submit a Pilot Study when the intended animal use is to evaluate the appropriateness, feasibility and suitability of a particular animal model, procedure, or study design to meet defined scientific objectives.
- When requested by the ACC, a PI must submit a Pilot Study to be completed and reported upon to ACC in advance of the total animal work as outlined within a full AUP submission.
- Peer review of scientific merit must be undertaken when a PI intends to use a Pilot Study to explore a new research direction that is not covered within the context of his/her existing peer-reviewed research program.
- ACVS Veterinarians must be actively engaged in monitoring and evaluation of experimental subjects during Pilot Studies and in the identification and refinement of endpoints and monitoring sheets.
- PIs must give advance notice to the ACC and ACVS Veterinarians, as per *the Continuing Care Visits Policy*.
- A subsequent complete AUP must not be submitted before the completion of the Pilot Study, the results of which must be included in the new AUP. These results must include the appropriateness of the endpoints and monitoring criteria as developed in consultation with an ACVS Veterinarian.

- The ACVS Veterinarian must provide a written report relating to the Pilot study to the ACC arising from evaluation of the Pilot study, as per the *Continuing Care Visits Policy*.

Breeding Animal Use Protocols,

- For programs requiring the maintenance of in-house breeding colonies to support their or others' research, as per CCAC and OMAFRA requirements, PIs must submit an AUP form that separates breeding from their experimental numbers.
 - Distinct animal use registers must be created for breeding versus experimental animals to record authorized and animal use numbers.
- Animal use must be transferred from the breeding to experimental registers within an AUP once any procedure other than mating, genotyping and early euthanasia is to be conducted.

Collaborative Projects,

- For collaborative projects involving PIs from two or more institutions in which the animal-based science is divided between the animal facilities of these institutions, the ACC must receive an Animal Use Protocol detailing the animal-based science to be undertaken within the facilities for which it is responsible.
- This AUP must also provide a brief description of the project as a whole.
- Any interactions between the institutions relative to the animal-based work (e.g. transfer of animals from one institution to another, special requirements to ensure the health and welfare of the transferred animals, etc.) must be understood and accepted by the Animal Care Committees of each of the institutions involved.

Temporary Animal Holding AUP,

- Must be held by the ACVS Director and be maintained with an approved status in order for the ACC to respond to situations requiring its usage.
 - The temporary holding of animals under this AUP must only be permitted when:
 - a PI's AUP has been suspended by the ACC, UCAC or external regulatory body, or
 - the PI's AUP has already undergone ACC review and has been 'Approved-Pending Clarification' and where the inability to procure or hold animals would be detrimental to the animal-based science program;
 - in this instance only, a formal request with justification must be submitted by the PI and approved by the ACC, or
 - other circumstances, as supported by the ACVS Director and approved by the full ACC.
 - No animal-based science activities are permitted under this AUP, with the exception of breeding colony maintenance, when required and pre-approved by the ACC.
 - All care for animals, including breeding colony management, must be undertaken by designates assigned by the ACVS Director.
 - Animal holding under this AUP must not exceed three months.
 - Exceptions to this timeline must be pre-approved by the full ACC.
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Definitions

- **Accountable Parties** – Individuals directly responsible for AUP preparation, review or approval: PI and PI staff, ACC Designates involved in AUP review, Departmental Research Offices, ACVS support staff.
- **Animal-Based Science** – Branches of science where animals are used in research, teaching or testing
- **Animal Care Committee (ACC)** – A subcommittee of the University Council on Animal Care; the institutional animal care committee “responsible for overseeing all aspects of animal care and use and for working with animal users, animal care personnel and the institutional administration”; responsible to ensure animal ethics and care for animal-based science and animal displays directly associated with Western’s Research Community is in accordance with all regulatory and institutional policies and guidelines.
- **ACC Coordinator** – An administrative role dedicated to providing the ACC and PIs and their staff with support for ACC and in particular AUP-related review activities, as outlined by CCAC.
- **ACC Executive** – An ACC working group that consists of at least two and no more than four representatives from Category 1, one representative from each of Categories 2 and 3 of the full ACC, and to include the ACC Chair, Vice Chairs, ACVS Director, ACC Coordinator, and the ACVS Assistant Director-Compliance Assurance. The ACC Executive meet at minimum 10 times per year. The ACC Executive is responsible to:
 - provide real-time feedback and support to institutional stakeholders accountable for the animal care and use program;
 - provide leadership for animal ethics reviews;
 - act as front-line responders to Concerns brought to its attention, as outlined within UCAC’s Concerns Identification, Project Refinement and Corrective Response Policy;
 - receive updates from ACC designates regarding their mandated PAM activities;
 - provide direction and support to ACC working groups; and
 - forward all decisions of the Executive to the full ACC in a timely fashion.
- **Animal Care (AC) Facility Supervisor** – A trained, competent individual responsible for the oversight of an area or facility that houses research animals beyond 72 hours and who is accountable to the ACC as regards animal health and welfare related matters
- **Animal Displays** – All displays of animals that can be encountered by Western’s community and/or public at large that are used for educational purposes. Displays may include aviaries, fish ponds, and fish tanks within classrooms. Excluded from this requirement are displays used for therapeutic purposes
- **Animal Educators** – Designates of the ACC who administer and provide CCAC-mandated Animal Care and Use ethics and hands-on training
- **Animal-Related Impact** – The ‘per animal’ health and welfare effect of AUP elements as described in detail in the ‘Procedural Consequences’ section of an AUP
- **Animal Use Protocol (AUP)** – The ACC’s mandatory animal ethics form that contains details of a AUP holder’s intended live vertebrate animal care and use, which must be reviewed and approved by the ACC in advance of animal-based science or public viewing of displayed animals.
- **AUP Facilitation** – An AUP pre-review service offered to PIs, or their designates, through in-person dialogue with the ACC Coordinator and / or an ACVS Veterinarian with the goal of clarifying ACC expectations regarding AUP content. During the ACC AUP review process, the ACC may require PIs to utilize this service

- **AUP Review Working Group** – This standing working group of the ACC reviews AUP forms with the exception of those reviewed by the full ACC and designates, as per the *Animal Use Protocol Policy*. AUP Review working groups consist of six roles to include Categories 1 through 4, an ACVS Veterinarian, and the ACC Coordinator, as per the Animal Care Committee’s *Terms of Reference*. Participation is on a rotational basis for roles represented by more than one individual
- **Annual Protocol Renewal** – A form required within one year of AUP approval for each continuance of the approved AUP up to three subsequent years. These must be reviewed by at minimum by a scientist, ACVS Veterinarian, or animal health professional designate, and Community Representative. Forms must contain the following elements:
 - number of animals used in preceding year
 - number of animals required for upcoming year, with justification
 - brief progress report describing:
 - complications, including unpredicted outcomes, any animal pain or distress
 - adequacy of endpoints and refinements made relative to protecting animals from pain, distress or mortality
 - progress with respect to 3Rs
- **Authorized Individuals** – All persons listed in an AUP, ACC members, Animal Care staff
- **Breeding AUP:** An AUP in which animals with desirable genetic traits are solely bred selectively to maintain or enhance those traits in future generations of animals
- **Criteria for transfer of animals from a breeding AUP to an experimental AUP:** The process by which animals are to be transferred from a breeding AUP to an experimental AUP will be specific to each animal housing facility, and so criteria for this transfer will be established in collaboration with each Animal Care Facility Supervisor
- **Categories of Invasiveness** – Levels assigned to AUPs in accordance with CCAC policy. Experiments involving:
 - **A** – Most invertebrates or live isolates
 - **B** – Little or no discomfort or stress
 - **C** – Minor stress or pain of short duration
 - **D** – Moderate to severe distress or discomfort
 - **E** – Procedures causing severe pain at or above the pain tolerance threshold of unanaesthetized conscious animals
- **CCAC** – The Canadian Council on Animal Care is a not-for-profit organization, created in 1968 to oversee the ethical use and care of animals in science (research, teaching and testing) throughout Canada
- **Concerns** – Anything raised to any member regarding animal health and/or welfare, human safety, and AUP-related issues. Concerns will be reviewed by an ACC Executive, as appropriate. Concerns will be communicated to the PI before they are classified as either Incidents or Non-Compliance
- **Designate** – An individual who is adequately trained and appropriately experienced with the animals under his/her care/oversight, and who is authorized to act on behalf of either the ACC, VP-Research, ACVS Director, ACVS Veterinarian, a Principal Investigator, or an Animal Care Facility Supervisor
- **Designated Animals** – All other animals than those identified as *Directed Animals* (see below) whose initial diagnosis and treatment have been designated to SAR *Designates*, e.g. Animal Care Supervisors, PIs, and their staff.
 - Includes all species not listed as ‘Directed’ (See below) e.g. rodents, birds and fish
- **Directed Animals** –
 - Species - Pigs, sheep, dogs, cats, non-human primates, and rabbits

- Conditions as determined by the ACC or an ACVS Veterinarian
 - any sick animal with critical (serious to severe) health concerns
 - any sick animals associated with experimental groups experiencing increased morbidity
 - any animal identified by an ACVS veterinarian or the ACC to require his/her direct involvement on a case-by-case basis.
- **Ethics Review** – Ethics review of a proposed AUP by the ACC that focuses on the level of harm to animals as balanced by potential benefits and scientific merit with specific application of CCAC’s 3Rs of undertaking humane animal-based science. The ACC functions as a microcosm of society to review AUP applications by applying the guidelines and policies of the CCAC and using their own expertise, experience, values, and common sense to reach decisions by consensus about what animal-based work should be allowed to proceed and under what conditions
- **Major Protocol Modifications** – Any changes to an approved AUP that may be considered invasive and may have a negative impact on animal welfare. Major Protocol Modifications are reviewed by an AUP Review Working Group, or by the full ACC at the request of any working group member. Changes considered to be major in nature include:
 - addition of a new species
 - category of invasiveness (CI) increases to D or E
 - any increase in animal numbers involving ‘species’ identified as ‘Directed Animals’
 - animal number increases beyond 25% of the original authorized number for species identified as ‘Designated Animals,’ e.g. rodents, avians, fish
 - new invasive procedures
 - change in anaesthetic or analgesic usage
 - addition of a procedure that may negatively impact an animal’s welfare
 - any Minor Protocol Modification forms, as requested by any ACC member
- **Minor Protocol Modifications** - Minor changes that are either administrative in nature, neither deleteriously impact the animal(s), nor require new skills. Minor Protocol Modifications are reviewed and approved by ACC members or their Designates competent to make an informed decision, e.g. ACVS Veterinarian, ACC Chair, ACC Coordinator. Approved Protocol Minor Modifications are disclosed to the full ACC on a monthly basis. Elements that may be considered ‘minor’ in nature include:
 - AUP title change
 - granting information
 - changes in staff, e.g. training requirements, new staff
 - a change to a less invasive, distressful or painful procedure
 - euthanasia method changes (CCAC Acceptable only)
 - animal number increases up to 24.9% of the original authorized number for species identified as ‘Designated Animals,’ e.g. rodents, avians, fish
 - addition of a strain with the exception of those that increase the category of invasiveness
 - transfer of animals between AUPs (AUP Transfers involving previous animal use, excluding breeders, moms & surplus animals)
 - animal source
 - housing or use location changes
- **Occupational Health & Safety (OH&S) Review** – A CCAC-mandated review process external to the ACC under the responsibility of institutional safety officers and Research Western’s Animal Research

Safety Consultant. Required for AUPs containing biological, chemical, radioactive, imaging & laser devices

- **OMAFRA** – Ontario Ministry of Agriculture, Food and Rural Affairs. Provincial regulators of animal-based science. Enforcers of the Animals for Research Act
- **Other Associated Reviews** – CCAC-mandated reviews / approvals of AUP elements by ACC Designates and external parties. Review timeframes associated with external reviewers are beyond the control of the ACC. Includes reviews by:
 - ACC Designates
 - ACVS Veterinarian – Animal Health Professional – Clinical Review
 - Institutional OH&S Officer(s) – Hazardous Agents, Materials and Devices
 - AC Facility Supervisor – Housing and Husbandry Requirements
 - Animal Educator – PI Staff Training Requirements
 - External Reviewers
 - Scientific Peer Review Committee
 - Pedagogical Merit Review Committee
- **Pedagogical Merit Review** – In alignment with CCAC guidelines, peer review for pedagogical merit of proposed animal use in teaching shall consist of, at minimum, a review at a department level to be summarized in the pedagogical merit review questions contained within the AUP form, and confirmed by the Chair of the Department
- **Pilot Study** – A study limited to the fewest number of animals necessary to evaluate the appropriateness, feasibility and suitability of a particular animal model, procedure, or study design to meet defined scientific objectives that is compatible with National, Federal, Provincial, and University regulations, guidelines and policy statements. Pilot Studies may be:
 - stand-alone AUPs
 - embedded within a full AUP - PI or ACC determined
- **Principal Investigator (PI)** – A scientist responsible for undertaking animal-based science in alignment with an approved Animal Use Protocol and current veterinary standards of animal care
- **Protocol Review Type** – Two distinct processes used by the ACC or its AUP Review Working Group to review and approve Animal Use Protocols, Protocol Modifications, and Annual Renewal forms
 - **Full Review:** Review of AUP forms – a combination of pre-meeting online review via the ACC’s AUP management system, face-to-face meeting discussions and approval determination, and post-meeting final review and approval - by either the full ACC or an AUP Review Working group, as defined above.
 - all new, full renewal and Pilot Animal Use Protocols
 - interim-approved AUPs
 - any AUP form upon request by any ACC Member, ACVS Veterinarian, or regulatory body (OMAFRA, CCAC)
 - Protocol Major Modifications
 - **Designated Review:** Designated Review process is used for requested Minor Protocol Modifications and Annual Renewal Forms (please note no changes to the AUP are permitted in this form). Designated reviewers are allocated based upon form type and content with respect to animal health and welfare impact. Designated review and approval takes place via the ACC’s online AUP management system. All forms approved via this method are disclosed to the ACC during its monthly face-to-face meetings
- **Scientific Peer Review** – In alignment with CCAC guidelines, a review process external to the ACC. Where scientific peer review has not already been documented by the granting agency, the ACC will

request confirmation from the Associate Dean of Research (AD-R), or the equivalent, for the associated Faculty that scientific peer review has been undertaken at a faculty level in accordance with CCAC's policy.

- The AD-R will provide confirmation of scientific peer review by a minimum of two qualified, arms-length peer reviewers to the ACC office in a timely manner
- The AUP may only receive ethical approval once the ACC office has received confirmation of scientific peer review

Scientific peer review will be requested for Pilots involving a new research direction that is not covered within the context of an existing peer-reviewed research program

- **Temporary Animal Holding AUP** – An approved AUP held by the ACVS Director that may be temporarily granted by the ACC or its Executive – up to 3 months - for use by the ACC for AUPs that satisfy conditions listed within the AUP Policy.
- **University Council on Animal Care (UCAC)** – Western's Senate committee ultimately responsible for the Animal Ethics and Care program directly associated with Western's Research Community
- **Western's Post Approval Monitoring (PAM) Program** – A CCAC-mandated program undertaken by the ACC and its Designates. PAM encompasses regular assessment of core AUP elements including but not limited to animal procurement, animal housing and procedure spaces, animal husbandry, animal procedures, animal monitoring, sick animal response, animal health/procedural records, and related documentation
- **Western's Research Community** – Institutions and their departments involving animal-based scientists having Animal Use Protocols under the jurisdiction of Western's Animal Care Committee, the ACC.

Roles and Responsibilities

All stakeholders are expected to demonstrate collaborative, collegial communications and commitment to act in good faith.

Animal Care Committee members and associated reviewers are responsible to

- be knowledgeable of and respect institutional, provincial and national regulatory standards
- undertake ethical review of submitted AUPs
- complete AUP reviews assigned to them within the allocated time
- maintain confidentiality of all material reviewed

Principal Investigators (PI) are responsible to

- treat all animals with respect and dignity
- be knowledgeable of and respect institutional, provincial and national regulatory standards
- ensure that all animal-based work is documented on his/her AUP, and submitted through eSirius for review and approval by the ACC in advance of project commencement
- submit AUP documentation with sufficient time to allow for review and approval prior to expiry dates or prior to project commencement for
 - Annual Protocol Renewals
 - Full Protocol Renewals
- undertake the AUP in practice as approved in principle by the ACC
- provide full copies of his/her AUP to those listed within

- ensure their research staff members who directly work with animals are listed in the AUP, apprised of, appropriately trained and competently undertake only those procedures in a manner outlined within the approved AUP
- seek guidance from ACC support staff for the preparation of his/her AUP if unclear on ACC expectations and/or form content
- submit Protocol Modifications for all changes to an approved AUP in advance of implementing these changes
- procure animals in direct alignment with an approved AUP, e.g. species, strains, authorized numbers

PI Staff is responsible to

- treat all animals with respect and dignity
- be knowledgeable of and respect institutional, provincial and national regulatory standards
- read, understand and follow the Animal Use Protocol(s) within which they are approved by the ACC as animal users
- receive required training in animal ethics and handling prior to undertaking any procedures within an approved AUP
- inform the PI and Animal Care Facility staff of any issues associated with either a departure from or concerns associated with the AUP

ACC Coordinator or designate is responsible to

- be knowledgeable of and respect institutional, provincial and national regulatory standards
- manage all AUP documentation and related review processes
- maintain schedules for review of documentation
- provide guidance to PIs and their staff for the preparation of AUP documentation when requested
- compile annual regulatory reports associated with AUPs
- provide AUP facilitation services
- update the Temporary Animal Holding AUP for ACC-approved temporary usage by PIs; update related AC Facility Supervisors

Animal Educators are responsible to:

- using the ACC AUP management system, review training requirements for all personnel listed within an AUP or Protocol Modification Form (Minor and Major) in alignment with review processes and timelines

Animal Care Facility Supervisors are responsible to:

- using the ACC AUP management system, review animal housing and husbandry requirements identified within an AUP or Protocol Modification Form (Minor and Major) in alignment with review processes and timelines

ACVS Veterinarians are responsible to:

- be knowledgeable of and respect institutional, provincial and national regulatory standards
- provide guidance to and ACC, PIs and their staff for the preparation of AUP documentation when requested
- work closely with PIs undertaking Pilot Studies; provide written reports to the ACC

- complete AUP veterinary reviews within the allocated time
- provide AUP facilitation services
- act as designates of the ACC as per MAPP 7.15 Post Approval Monitoring Program

References

- OMAFRA's Animals for Research Act
- Canadian Council on Animal Care – Terms of Reference for Animal Care Committees
- CCAC guidelines on: animal use protocol review (1997)
- CCAC policy statement on: scientific merit and ethical review of animal-based research
- Animal Care Committee Terms of Reference
- MAPP 7.12 – Policy for the Use of Animals in Research, Testing and Teaching
- MAPP 7.10 – Standardized Training in Animal Care and Use
- MAPP 7.15 – Post Approval Monitoring Program
- Research Animal Procurement Policy
- Concerns Identification, Project Refinement and Corrective Response Policy