



External
Regulatory
Bodies

External Regulatory Bodies Overseeing Animal-Based Science Activities

Federal

Tri-Agency – Sect 4.4 'Research Involving Animals'

CIHR / NSERC / SSHRC

Institutions must maintain CCAC
certification / PI must maintain
approved AUP



National

Canadian Council on Animal Care (CCAC)

Peer review org

Standards/guidelines

*Triennial Certification
Program – GAP*

Announced inspections



Provincial

Ontario Ministry of Agriculture Food and Agribusiness (OMAFRA)

'Animals for Research' Act
Annual Licence

Unannounced inspections



U.S. Funding
Oversight



Office of Laboratory Animal Welfare



External
Regulatory
Bodies



Canadian Association for Laboratory Animal Medicine

L'association canadienne de la médecine des animaux de laboratoire

About Us

The Canadian Association for Laboratory Animal Medicine/L'association canadienne de la médecine des animaux de laboratoire (CALAM/ACMAL) is a national association that represents the interests of Canadian laboratory animal veterinarians. CALAM/ACMAL is a small and supportive group consisting of veterinarians who work in academic, government, pharmaceutical and biomedical sectors. Membership in CALAM/ACMAL provides an opportunity for laboratory animal veterinarians to network with colleagues across the country and share professional interest.



CALAM Standards of Veterinary Care



Other Recognized Standards

- *CALAM Standards of Veterinary Care* — Canadian Association for Laboratory Animal Medicine
- *Codes of Practice for the Care and Handling of Farm Animals* — National Farm Animal Care Council
- *Canadian Biosafety Standard (CBS)* (2nd ed.) — Canadian Biosafety Standards and Guidelines
- *Containment Standards for Facilities Handling Aquatic Animal Pathogens* (1st ed.) — Canadian Food Inspection Agency

Related National & International Associations and Standards



CALAS/ACSAL

Canadian Association for Laboratory Animal Science

Association Canadienne pour la Science des Animaux de Laboratoire

About CALAS

CALAS/ACSAL is a national association dedicated to providing high quality training and educational resources to laboratory animal care professionals across Canada. We believe all animal based research must be conducted professionally and ethically.

Our training and certification programs are internationally respected and support national standards of excellence in animal research, teaching, and testing across Canada.

Our members are committed to the humane and professional care of research animals and have received advanced training in the highest standards of animal care. We support a diverse group of professionals including animal care attendants, animal health technicians, and veterinarians.

Since 1961, CALAS/ACSAL members have been working to improve the lives of animals in our care. We currently have almost 1,000 members across the country.

Our training and certification programs are voluntary, and are recommended by the Canadian Council on Animal Care (CCAC).



American Association
for Laboratory Animal Science

About AALAS

Mission Statement: AALAS is an association of professionals that advances responsible laboratory animal care and use to benefit people and animals.

The American Association for Laboratory Animal Science (AALAS) is a membership association of professionals employed around the world in academia, government, and private industry who are dedicated to the humane care and treatment of laboratory animals, as well as the quality research that leads to scientific gains that benefit people and animals. AALAS provides educational materials to laboratory animal care professionals and researchers, administers certification programs for laboratory animal technicians and managers, publishes scholarly journals, supports laboratory animal science research, and serves as the premier forum for the exchange of information and expertise in the care and use of laboratory animals.



Internal
Governance

Internal Regulatory Bodies Overseeing Animal-Based Science Activities

Tier #1

**Vice President –
Research**

- Senior Administrator Responsible for Animal Care Program
- AECP Team Working Group
- Institutional Sr. Admins

Tier #2

**Animal Care
Committee**

- CCAC's 'working Animal Care Committee' per Terms of Reference for ACCs
- ACC Working Groups

Tier #3

**Western Research
Departments**

**Animal Care & Veterinary
Services Dept. / Research
Ethics & Compliance**

**'Civil servants' for VPR and
ACC**

- Institutional Veterinarians
- Animal Health Professionals
- Office of the ACC

Tier #1

Internal
Governance

Senior Administrator Responsible for the AECP Vice President - Research

Maintain CCAC GAP
Certificate

Equip an Animal Care
Committee

Appropriate Animal Care
Facilities & Operations

Adequate Veterinary &
Animal Care Staffing

Informed Animal Users

POLICY 7.12 – Animal Ethics and Care Program

Appendix 1



Western

Institutional Senior Administrator Responsible for Western's Animal Ethics and Care Program
Terms of Reference

Active Engagement in
CCAC Assessments

OH&S Protection from
Animal Hazards

Sound Pre- & Post-
Approval Monitoring
Structures

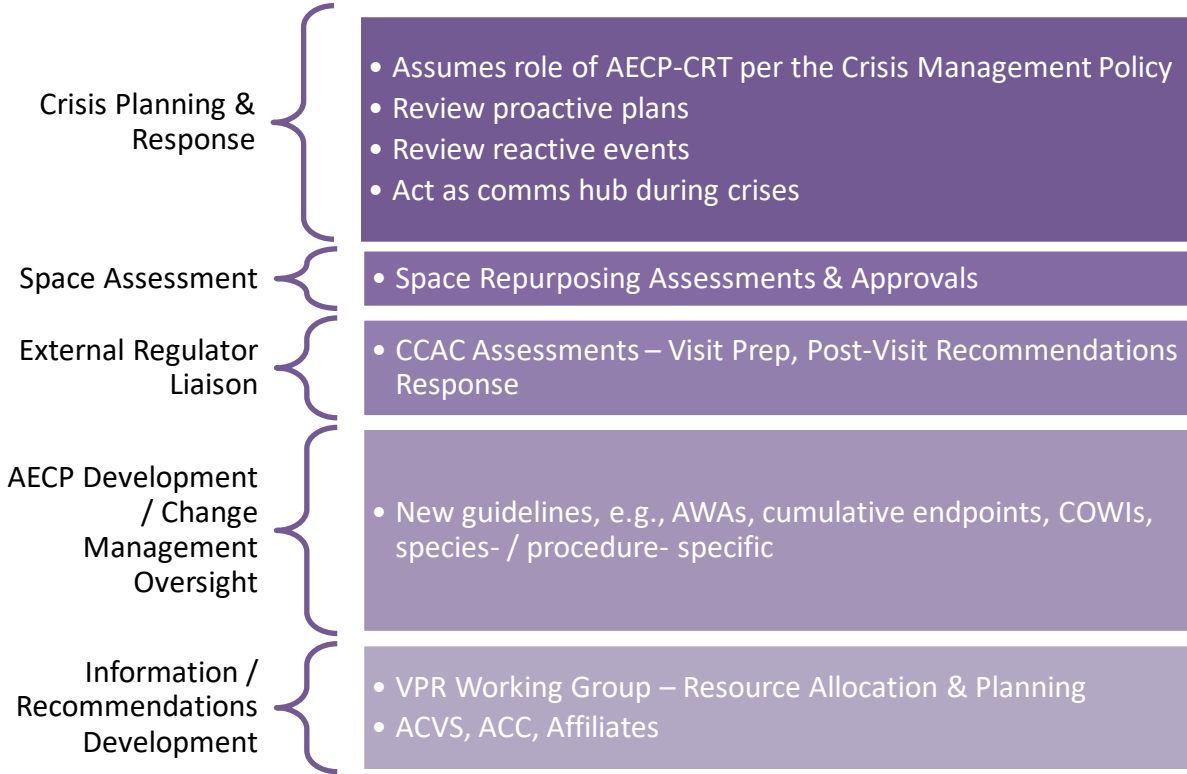
Ensure Alignment with
External Regulations

Ultimate responsibility for the
AECP within Western's Research
Community



Tier #1

The Animal Ethics & Care Program (AECPP) Team Regulations & Operations AECPP-ROC



Tier #2

Internal
Governance

Western's Animal Care Committee (ACC)

Equal voice

Consensus-driven decision-making

ACC Chair / Vice Chairs

Veterinarians

Animal-Based Scientists

Animal Health Professionals

Community Reps

Students

Non-Animal User Faculty

ACC Coordinators



Fulfills role of CCAC's
'working' animal care
committee

Delegated authority
by VPR to intervene to
relieve unnecessary
animal pain or
suffering



Western
Research

Animal Care Committee
Terms of Reference

1. ACC Responsibilities and Authority

As defined within the Canadian Council on Animal Care (CCAC)'s Terms of Reference for Animal Care Committees, and acting under the authority of the senior administrator responsible for the animal ethics and care program within Western's Research Community – the Vice President (Research) – the Animal Care Committee (ACC) is responsible:

Internal
Governance

Tier #2

Western's ACC

The ACC is responsible for overseeing all animal care and use undertaken by members of the institution and ensuring compliance with institutional and CCAC standards. CCAC Policy Statement for Senior Administrators. Sect. V. P.4



Responsibilities per CCAC's Terms of Reference for ACCs

Appropriate care of animals -
Delegated authority by VPR to
intervene to relieve
unnecessary animal pain or
suffering

Policies & Procedures creation,
implementation & adherence
with external regulations for:

For ALL activities relating to
animals, animal care & animal
facility operations

SOPs aligned with veterinary
standards that mitigate
unnecessary pain, distress,
stress, ensure analgesia /
anesthesia, post-op care,
suitable environment

AUP content, ethics review
process & frequency alignment
with external regulations &
guidelines
Arms-length merit reviews prior
to AUP approval

Institutional Animal User
Training / Ethics Training /
Research Community Education

Post Approval Monitoring
Program
Animal-based activities align
with approved AUP
Practice = Principle

Human Safety Program

Crisis Management Program
Comprehensive / Integrated

Annual ACC Site Visits

Concerns Response
Appeals Mechanism

Face-to-face, documented ACC
meetings with consensus-driven
decision-making

Internal
Governance

Tier #2

ACC Working Groups

Executive

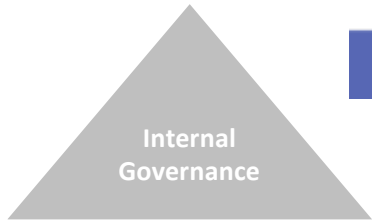
Facility Supervisors

AUP Review

Training Exemption



- be apprised of external regulatory requirements and develop plans to ensure their translation and transmission to institutional policies, procedures, and stakeholders;
- lead in the development and/or review of institutional policies and procedures, including Standard Operating Procedures;
- facilitate two-way communications between the ACC and the animal-based science community at Western and affiliates to educate and enhance collaboration;
- act as an AUP Review Working Group to perform AUP reviews, as needed, in accordance with the AUP Review Working Group Terms of Reference;
- act as front-line responders to Concerns, Reportable Animal Welfare Incidents, and Animal Welfare Assessments brought to its attention, as outlined within related policies;
- review all Animal Care Committee (ACC) Site Visit reports prior to full ACC distribution; provide direction regarding recommendations and ensure follow-up, as applicable;
- review reports associated with and impacting the Animal Ethics and Care Program, e.g., post approval monitoring, animal user training programs and other strategic initiatives; develop recommendations and action plans, as applicable;
- provide direction and support to other ACC working groups;
- provide leadership in preparation for and in response to regulatory assessments and associated reports; and
- notify and engage the full ACC of its decisions and actions, as appropriate.



Tier #2

Facility Supervisors

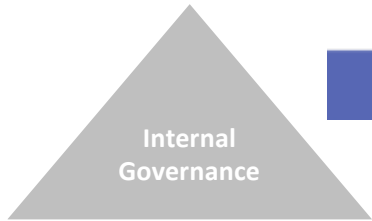
- annually allocate two of its members to assume the role of Laboratory Animal Facility Supervisor Representatives (Category 6).
- be apprised of external regulatory requirements associated with Facility operations and husbandry practices.
- compile and/or develop associated concerns, questions, and/or recommendations and relay them to the ACC Executive.
- review draft institutional policies and procedures applicable to their roles.
- share best practices with one another; support one another in problem-solving.
- as applicable, advise the Executive of any Concerns not readily resolvable, including Reportable Animal Welfare Incidents, as per the Concerns Policy (POL-004).



Tier #2

AUP Review

- Perform ethical review of AUP Modifications requiring Full Review as per the Animal Use Protocols Policy-Modifications (POL-002-C) and AUP Review Processes for Principal Investigators (GUID-002).
- As appropriate, AUP forms undergoing Delegated Review may be reviewed by this Working Group.
- As requested by the Executive, perform ethical review of full AUPs requiring interim review/approval.
- As requested by the reviewing Veterinarian, perform ethical review of other forms, e.g., Annual Renewals.



Tier #2

Training Exemption

- Review 'Exemption Request Forms' as per Procedures for the Institutional Animal User Training Program (PROC-017); recommend training requirements.

Tier #3

Internal
Governance

Western Research ACVS Dept. - Citywide Veterinary Services - Office of the ACC

Advancing excellence in research through collaborative and innovative service, education, and animal welfare.

Institutional veterinarians with unrestricted access to animals and authority to assess and intervene in response to sick animals

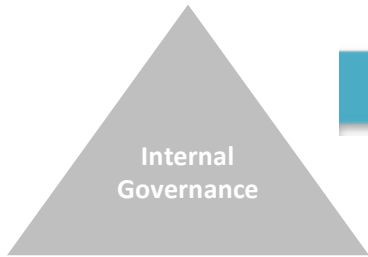
Registered Veterinary Technicians (RVTs)

Institutional Animal User Trainers

AECP Compliance Team

Animal husbandry staff

Office of the ACC



Tier #3

Animal Care & Veterinary Services



Animal Care Facilities
Operations – (Schulich/Robarts)
acsupervisors@uwo.ca /
acleaders@uwo.ca

- Manage 5 buildings, capital equipment, and staff to deliver ~2.2 million animal care days
- ACVS Operations Manager, Facility Supervisors

Veterinary Services –
vetservices@uwo.ca /
vetpro@groups.uwo.ca

- Clinical & Research Support Veterinarians
- Model development & refinement
- Clinical, diagnostic, surgical and other procedure support services

Institutional Animal
User Training Program –
training@uwo.ca

- Clinical Veterinarian
- ‘Animal User Trainers’ – rodents – hands-on workshops
- Administrative VT

Sick Animal Response
Program –
sar@uwo.ca

- Clinical Veterinarians
- SAR Coordinator + SAR RVTs + Citywide SAR Designates

AECP Compliance Team

Compliance Veterinarian

- PAM Team Supervisor
- Visits by Animal Health Professionals
- ACC Site Visits
- Risk Analysis Record
- Space Repurposing Assessments
- Concerns Response

PAM Coordinators

- Visits by Animal Health Professionals
- PAM follow-up upon request by other stakeholders



Tier #3

Office of the ACC

Director of Research Ethics and Compliance

- Leader for Research Ethics and Compliance Teams
- Responsible for Operational and Administrative Support

ACC Manager

- ACC Site Visits
- Rooms Inventory
- Space Repurposing & Visits
- Policies and Procedures
- Concerns Administration
- Project Leadership for CCAC Assessment Visits
- Program change management

ACC Officer

- AUP Facilitation with Researchers
- Full / New / Pilot AUP Review & Review Coordination
- Full and Executive ACC Meetings

ACC Coordinator

- AUP Modifications
- Annual Renewals
- ACC SOP Administration

Animal Research Safety Consultant

- AUP Hazard Reviews
- SOP Development
- Site Visits
- Risk Assessments
- Institutional OHS Liaison

Software Systems Administrator

- New system implementation Project Leadership