

This **Pedagogical Merit Review (PMR) Request Form** is intended for use by **animal-based scientists involved in teaching or training that is NOT prescribed or mandated by a third party**, e.g., undergraduate training, to provide pedagogical merit reviewers with details associated with your proposed project or program to determine if the live animal model proposed by the instructor is **essential** in support of the intended learning outcomes.

Please forward the completed form to the PMR Committee via its online repository with sufficient time (minimum three weeks prior to AUP submission) to permit the external review, which will be facilitated by the Pedagogical Merit Review Committee Chair. (**Note:** AUP approval **cannot** be granted until the project is found to have pedagogical merit, as per the Policy POL-014).

1. **AUP Holder Name** –
2. **Organization/Department Affiliation(s)** –
3. **Animal Use Protocol** associated with this project/program, as available –
4. **Course/Program Name & Number** –
5. **Program Context** - Disclose early, any information that will assist reviewers in understanding the context of the learning activity, e.g., importance of procedures, specialized location, animal model, etc. –
6. **Intended Learning Objectives** – List the learning objectives¹ in a bulleted format to clearly specify the learning intentions for learners; Note: Begin each learning objective with an action word.

#	Learning Objective
1	
2	
3	
4	
5	
6	

7. **Assessment Methods** – *‘Criteria, tests, and tools that assess learning outcomes’*
 - a. Explain how learners will be evaluated on knowledge and/or skill acquisition involving animals, e.g. essays, quizzes, reports, task performance, etc.; and

¹ See <https://teaching.uwo.ca/curriculum/coursedesign/learning-outcomes.html>

- b. Associate the evaluation methods with the learning objectives to demonstrate how evaluation methods will ensure that the learning objectives have been met.

Learning Objective # from above	Assessment Methods Used

8. Learning Activities – ‘How will the learning objectives be achieved’

- a. Ensure each learning activity is clearly described, if possible, associate activities back to the ‘Learning Objectives’ section to illustrate the linkage.
- b. Add an Introductory Phrase - Precede the list of learning objectives for each learning activity with the phrase: “By the end of this learning module/training event, participants will:”

Learning Objective # from above	Learning Activities

9. Animal/learner ratio and instructor/learner ratio –

10. **Learner Feedback** – If applicable, provide specific feedback from learner assessments and/or course evaluations regarding the benefit of animal-based teaching/training –

11. Three Rs Replacement Alternatives - Outline efforts made to identify Teaching/Training Replacement Alternatives (defined below) as per CCAC, including resources consulted.

- a. Associate your learning objectives with each alternative presented; reference the associated number(s) listed under the 'Learning Objectives' section.
- b. Address specific efforts made to seek out alternatives with reference to the Canadian Council on Animal Care's Three Rs cornerstone of ethics² and FAQs-Pedagogical Merit of Live Animal-based Teaching³, and then
- c. Explain why the replacement alternatives may not adequately achieve the specific learning objectives

Learning Objective # from above	Efforts made to seek alternatives	Why alternatives may not adequately achieve the learning objective

12. Provide the rationale for the use of live animals as the **best** and **essential** model in support of learning outcomes.

² CCAC. Policy Statement: Ethics of Animal Investigation (1989). Retrieved 03MAY2024 from https://ccac.ca/Documents/Standards/Policies/Ethics_of_animal_investigation.pdf

³ CCAC. FAQ-Pedagogical Merit of Live Animal-based Teaching. (2020). Retrieved 03MAY2024 from https://ccac.ca/Documents/Standards/Policies/FAQ-Pedagogical_merit_of_live_animal-based_teaching.pdf