

Undergraduate Research Opportunity in Animal Biosciences

Area of Research or Title of Proposed Research Project: Immunity of Ontario goats to gastrointestinal nematode parasites	
Name and department of the supervisor: Dr. Emma Borkowski Pathobiology (OVC)	Type of the research opportunity available (check all that apply) <input checked="" type="checkbox"/> Research in Animal Biology (ANSC4700/4710) <input checked="" type="checkbox"/> Research Volunteer
Semester(s) and Year, e.g. F2023/W2024 S2023, F2023, W2024	Application deadline: September 15, 2023
List 2-5 specific things you feel a student will learn during this position. Basic goat handling (restraint, fecal collection, body condition scoring) Fecal egg analysis for small ruminants (goats and sheep) Parasitic nematode culture techniques	
Which 2-5 knowledge, skills, or attitudes are most relevant to this position? 1. Knowledge: Scientific 2. Skill: Critical and Analytical Thinking 3. Skill: Teamwork and Collaboration 4. Skill: Time Management 5. Attitude: Responsibility	
Application Requirements 1. Indicate the research course code on the cover letter accompanying the application package 2. Meet minimum course requirements, as outlined in the Undergraduate Calendar	
Courses and/or Experiences that are Required or Recommended for the proposed position (s) No prerequisite courses are required; however, successful applicants will likely have previous courses and/or hands-on experience in animal (especially livestock) health/behaviour or parasitology. A valid Ontario driver's licence is considered an asset but not required. Proof of protective rabies titre is not mandatory but students with a protective titre may be eligible for training in additional animal handling techniques as part of the study.	
Contact information: Dr. __Emma Borkowski____, Email__eborkows@uoguelph.ca____, Phone _____	

Documents Required of Applicants

- 1) Cover Letter Resume or CV
- 2) Unofficial Transcript
- 3) Statement of Interest in Research, addressing the following questions: Why do you want to do research (and in particular a 4th year project)? Why do you want to do research in this lab specifically? What are your future goals/aspirations, for example, are you potentially interested in graduate research work or even research as a career?

**Submit your application package to the faculty members offering research projects that interest you. You may apply for up to five (5) projects.*