**Undergraduate Research Opportunity**

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| Area of Research or Title of Proposed Research Project: Investigating milk quality in dairy goats |
| Name and department of the supervisor: | Type of the research opportunity available (check all that apply)  □x Research in Animal Biology (ANSC4700/4710)  x□ Research Volunteer |
| Semester(s) and Year, e.g. F2023/W2024 Fall 2023 / Winter 2024 | Application deadline:July 30 2024 |
| List 2-5 specific things you feel a student will learn during this position.Data management skills, evidence-based research, disease surveillance methods |
| Which 2-5 knowledge, skills, or attitudes are most relevant to this position? 1. Knowledge: Scientific
2. Skill: Critical and Analytical Thinking
3. Skill: Problem-Solving
4. Skill: Information Management
5. Attitude: Initiative
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| 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)Introductory Statistics course completed in good standingExperience with Excel and R/RStudioAnimal HealthImmunology course or similar would be ideal |
| Contact information: Dr. \_\_\_Bauman\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Email\_\_\_\_\_\_cbauman@uoguelph.ca\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, Phone \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

**Documents Required of Applicants**

Cover Letter Resume or CV Unofficial Transcript

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.