

Undergraduate Research Opportunity

Area of Research or Title of Proposed Research Project: Applications of machine learning predictive modelling for livestock production	
Name and department of the supervisor: Animal Biosciences	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 September 2023 – April 2024	Application deadline: July 31, 2023
List 2-5 specific things you feel a student will learn during this position. <ul style="list-style-type: none">- Machine learning predictive modelling- Research results evaluation and interpretation- Teamwork- Working with various computer systems	
Which 2-5 knowledge, skills, or attitudes are most relevant to this position? <ol style="list-style-type: none">1. Knowledge: Scientific2. Skill: Critical and Analytical Thinking3. Skill: Teamwork and Collaboration4. Skill: Time Management5. Attitude: Initiative	
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)

Priority will be given to students with the following experience (one or more):

- AGR*3200
- ANSC*4040
- Practical computer programming
- Sensors (NIR, RFID, etc.)
- Web site design

Contact information:

Dr. Dan Tulpan , Email: dtulpan@uoguelph.ca , Phone: contact by email only

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.