

Undergraduate Research Opportunity

Area of Research or Title of Proposed Research Project: Fish Nutrition and Physiology – Effects of feeding minerals and prebiotics at high temperatures on health of rainbow trout	
Name and department of the supervisor: Dr. David Huyben Animal Biosciences Department	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. F2025/W2026 F25, W26 and S26	Application deadline: August 3 rd 2025
List 2-5 specific things you feel a student will learn during this position. <ul style="list-style-type: none"> • Communication skills writing a literature review, proposal and thesis on a fish feeding trial • Skills feeding, weighing and dissecting fish for later analysis of nutrients, blood and histology • Data analysis skills by calculating fish growth, nutrition, health and other values 	
Which 2-5 knowledge, skills, or attitudes are most relevant to this position? <ol style="list-style-type: none"> 1. Knowledge: Scientific 2. Skill: Critical and Analytical Thinking 3. Skill: Teamwork and Collaboration 4. Skill: Time Management 5. Skill: Written Communication 	
Application Requirements <ol style="list-style-type: none"> 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) <ul style="list-style-type: none"> • Completion or current enrollment in ANSC*3050 Aquaculture and/or ANSC*3170 Nutrition of Fish • Driver's license and vehicle (can also book department car) • At least one day per week with no classes, so they can feed fish at the Alma research station 	
Contact information: Dr. <u>David Huyben</u> _____, Email <u>huybend@uoguelph.ca</u> _____, Phone <u>x54293</u> _____	

Documents Required of Applicants

Cover Letter, Resume or CV, and 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.