

Undergraduate Research Opportunity

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| 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: Scientific2. Skill: Critical and Analytical Thinking3. Skill: Teamwork and Collaboration4. Skill: Time Management5. Skill: Written Communication | |
| 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) <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.