



GRADUATE RESEARCH IN SALMON ECOLOGY AND CONSERVATION

The [Salmon Watersheds Lab](#) is seeking up to two graduate students to join our team in 2025 at Simon Fraser University in British Columbia, Canada! We study aquatic ecology in collaboration with diverse partners to inform management and conservation, with primary focus on salmon and their watersheds. Our group is a part of the Earth to Ocean Research Group in the Department of Biological Sciences, as well as the School of Resource and Environmental Management.

PHD POSITION (PREFERRED) OR MASTER'S POSITION : ESTUARY RESILIENCE AND SALMON NURSERY HABITAT

This project will examine the vulnerability of BC's estuaries to sea level rise and other stressors. This project is linked to the Estuary Resilience Initiative, led by [Nature Trust BC](#). This project will primarily consist of analyses of existing data and field work such as seining and water quality measurements in British Columbia estuaries, primarily on Vancouver Island. The preferred candidate will have a background or aptitude for field research and quantitative approaches. Key collaborators will be First Nations fisheries programs and linked organizations. Start date of May 2025 or Sept 2025.

MASTER'S POSITION: CLIMATE CHANGE AND SALMON HABITAT COMPLEXITY

This project seeks to scientifically understand how the oncoming impacts from climate change, coupled with land use pressures, impact fish communities in an inland watershed of BC. Research will likely consist of field work (snorkeling, temperature monitoring) and spatial analyses. Start date of May 2025 or Sept 2025.

FUNDING AND PROGRAM

For each of these positions, students will need to apply via the department of Biological Sciences. It is anticipated that there will be funding available to cover graduate student stipend and research. Minimum stipend is \$30K/year for master's students and \$33.4K/year for PhD students. It will be expected that the successful candidates will also apply for fellowships.

TO APPLY

Applicants should email a CV and a brief cover letter (2 pages or less) to adminjwm@sfu.ca with the email header "2024 Grad Student Application". Applications will be reviewed starting **November 8, 2024**.

The CV should reference relevant work and educational experience and include GPA and contact information for 3 references. The cover letter should specify which position you're interested in, outline relevant ideas, and describe motivation, scientific experience, and skills. Both documents should be pdf files and the file names should start with the last name of the applicant.

