

## UNBC Ph.D. OPPORTUNITY

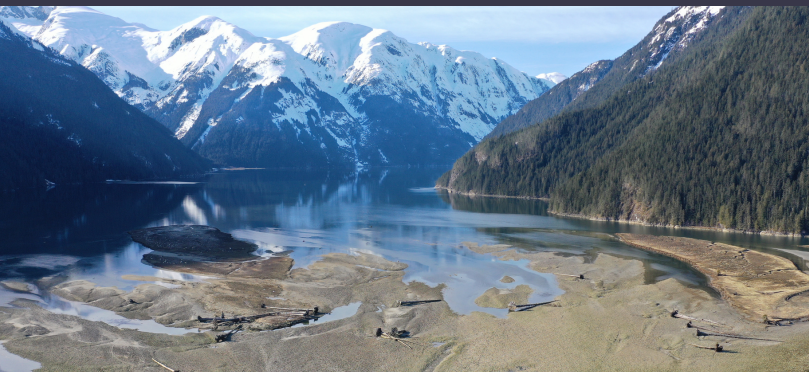
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### Modelling Oolichan population dynamics in marine and riverine environments

We would like to report an exciting fully funded Ph.D. opportunity through the University of Northern British Columbia to assess Oolichan (*Eulachon*, *Thaleichthys pacificus*) population dynamics and support Oolichan conservation and recovery in marine and riverine environments. The stipend will be \$24,000 per year for four years and will include a field travel budget and all field and research expenses covered. The student will become a key team member in the Conservation and Recovery Research on Oolichan in Haisla Territory Project (CAROOHT). The CAROOHT project will be conducted over five years in a collaboration between LNG Canada, Haisla Nation, Ecofish Research, DFO Science and Fisheries Management, as well as UNBC, University of Victoria (UVic), and Simon Fraser University (SFU).

The “Modelling Oolichan Population Dynamics” Ph.D. will be based out of UNBC and will include fieldwork in remote rivers in Douglas Channel and Gardner Canal working with Haisla Nation and Ecofish Research staff. The work will involve analysis of historical and newly collected datasets related to Oolichan abundance in marine and riverine environments and will also include assessment of temporal and spatial variation in genetic signatures to understand Oolichan population dynamics and environmental drivers of those dynamics.

This Ph.D. will be supervised by Mark Shrimpton (UNBC), Eduardo Martins (UNBC), Jonathan Moore (SFU), and Adam Lewis (Ecofish Research).





## THE QUALIFICATIONS AND SKILLS WE ARE LOOKING FOR:

If you have the following qualifications and are looking for an exciting and challenging opportunity, we would like to hear from you.

- M.Sc. in Biology or related field an asset
- Applied fisheries focus, fisheries experience an asset
- Quantitative skills required, including statistical modelling using R or equivalent
- Interest in remote fieldwork working alongside Haisla Nation and Ecofish Research staff
- Experience using genetic tools as population markers an asset
- Effective analytical and technical writing skills, and ability and interest to produce high quality reports and peer reviewed articles
- Excellent time management, organizational and multi-tasking skills
- Strong attention to detail with a commitment to quality, excellence, and ethics

## APPLY NOW!

Desired start date is September 2021 or January 2022. Interested applicants can send a resume and cover letter that clearly identifies their experience to [CAROOHT@ecofishresearch.com](mailto:CAROOHT@ecofishresearch.com).

- Eduardo Martins: [Eduardo.Martins@unbc.ca](mailto:Eduardo.Martins@unbc.ca)
- Adam Lewis: [fjalewis@ecofishresearch.com](mailto:fjalewis@ecofishresearch.com)
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