

UNBC M.Sc. OPPORTUNITY

Abundance patterns, environmental stressors, and traditional ecological knowledge (TEK) of Oolichan

We would like to report an exciting, fully funded M.Sc. opportunity related to abundance patterns, environmental stressors, and traditional and ecological knowledge (TEK) of Oolichan (*Eulachon*, *Thaleichthys pacificus*). The stipend will be \$24,000 per year for two years plus a field travel budget and all field and research expenses. 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 among 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 “Oolichan Traditional Ecological Knowledge” M.Sc. will be based out of UNBC and Haisla Territory and will occur in partnership with the Haisla Nation and will likely include fieldwork in rivers in Douglas Channel and Gardner Canal. This work aims to synthesise existing data on Oolichan behavior and habitat use with a focus on river spawning habitat, to collect information (including historical air photos) related to environmental stressors for Oolichan in the freshwater and estuarine environments, and to use traditional and ecological knowledge to understand traditional management approaches and effects on abundance.

This M.Sc. will be supervised by Heather Bryan (UNBC), Morgan Hocking (Ecofish Research), Mark Shrimpton (UNBC), and Candice Wilson (Haisla Nation).



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.

- B.Sc. in Biology or related field
- Experience related to fisheries monitoring and management an asset
- Experience and interest in working with First Nation communities, conducting interviews, and synthesizing traditional ecological knowledge information
- Effective analytical and technical writing skills, and ability 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, January 2022, or September 2022. Interested applicants can send a resume and cover letter that clearly identifies their experience to CAROOHT@ecofishresearch.com.

- Heather Bryan: Heather.Bryan@unbc.ca
- Mark Shrimpton: mark.shrimpton@unbc.ca
- Candice Wilson: CaWilson@haisla.ca
- Morgan Hocking: mhocking@ecofishresearch.com

