The Tula Foundation’s Hakai Institute has an immediate opening for a full-time Research Technician working on the Salmon Early Marine Survival Program (SEMSP), based at the Institute’s Quadra Island Field Station. The SEMSP is focussed on understanding the factors affecting juvenile salmon mortality during the early phase of their marine migration.

To that end, a comprehensive field program has been developed to sample sockeye, pink, chum, coho, and herring in the northern Strait of Georgia, Discovery Islands, and Johnstone Strait. Along with the field program, the SEMSP also has a significant laboratory component. The successful candidate will be expected to contribute to both field and laboratory aspects of the SEMSP, as well as other Hakai research programs, when needed. Placements of 1–2 weeks at the Institute’s remote Central Coast field station may also be required periodically.

**SEMSP Lab Work (ASAP – April):**

- Dissecting fish into tissue samples for downstream analyses:
  - Otolith ageing and microchemistry, RNA assay, stable isotopes, fatty acids, viral assays, stomach contents, and parasite loading.
- Data entry and management.
- Contribute to oceanographic field surveys.

**SEMSP Field Work (May – July):**

- Operate mini purse seine net in the northern Strait of Georgia and Discovery Islands for the collection of juvenile salmon and herring.
- Collect CTD profiles, secchi disk readings, and surface zooplankton tows.
- Conduct lab work to process samples taken during field season.

The successful candidate should:

- Have graduated in a Fish and Wildlife, Biology, Natural Resource Management, or similar diploma or degree program.
- Have experience working in a sample-processing lab in a team environment.
- Be able to pay close attention to details and follow written protocols.
- Experience sampling fish and conducting oceanography surveys.
- Preferably have experience operating boats with PCOC, SVOP, and first aid qualifications.

Accommodation on Quadra can be provided in the short term. Please forward your CV, including the e-mails and phone numbers of three references and a short letter (1 page) explaining your motivation for working on the project, to Brett.Johnson@hakai.org by October 17th at 8:00 am PST.

For more information on the project see: https://www.hakai.org/videos/mini-documentaries/running-gauntlet-bc-salmons-journey-to-high-seas and https://www.hakai.org/research/salmon-ecosystems