



**Street Address:**  
871A Island Highway  
Campbell River, BC V9W 2C2

**Mailing Address:**  
PO Box 25070 Tyee  
Campbell River, BC V9W 0B7  
Telephone: 250-286-6102  
[www.cahs-bc.ca](http://www.cahs-bc.ca)

**Job Description: Laboratory Assistant**

**August 2021**

**Major Responsibilities**

The Laboratory Assistant (LA) will provide technical support for existing and new lab services, including ELISA, PCR, Virology, sample preparation, Sea Lice Bioassay and identification. The LA will assist and help prepare for routine laboratory analysis, sample tracking procedures (intake, logging, storage and handling) and data entry. Other duties include preparing media, helping maintain an inventory of laboratory supplies, assay set up and clean up. The LA will, as required, serve as backup for the other technicians and accordingly must have a good working knowledge of routine laboratory operations including some field sampling that may require extended hours in off-site locations.

**Key Activities**

- Assist with RNA/ DNA extractions
- Prepare samples and media for PCR, RT-qPCR analysis
- Receive training in biosafety and general laboratory practices
- Assist with sample preparation for ELISA
- Perform agarose gel electrophoresis, SDS-PAGE, and western blotting/ immunoblotting analysis
- Prepare specialized buffers for experimental procedures
- Prepare solutions and culture media
- Document experimental results and procedures
- Assist with sample preparation and inoculation of cell lines

**Experience**

- Enrolled in an academic institution towards a BSc in Microbiology or related field.
- Proficiency in elementary laboratory methodology

**Knowledge/Attributes**

- Demonstrated proficiency of computer skills (MS Word, Excel, PowerPoint)
- Good written and oral communication skills
- Excellent interpersonal skills.

**Eligibility**

To be eligible, you must:

- be between 15 and 30 years of age at the start of the employment;
- be a Canadian citizen, permanent resident, or person to whom refugee protection has been conferred under the Immigration and Refugee Protection Act for the duration of the employment; and,
- have a valid Social Insurance Number at the start of employment and be legally entitled to work in Canada in accordance with relevant provincial or territorial legislation and regulations.

Kindest regards,

Ahmed Siah, Ph.D.  
Managing Director  
BC Centre for Aquatic Health Sciences