

2014 Spring/Summer Job Posting for Student Research Assistant Position in Aquaculture

The Centre for Applied Research, Technology and Innovation (CARTI) at North Island College (NIC) supports a research program in Aquaculture. This spring and summer, they are looking for an NIC Student Research Assistant, to work closely with Dr. Aisling Brady in the area of indicator taxa (bacteria and polychaetes) and their role in benthic monitoring at salmon aquaculture sites. Most work will be completed at the Comox Valley campus, but some days will be in Campbell River or in the field.

Work Period: May 12 – August 12, 2014

Wage: \$17.81/hour

Weekly Schedule: 2 days a week (Tuesday/Wednesday preferred, but can also be a combination with Fridays instead; combination is flexible, but will be consistent for the entire work period, with the exception of fieldwork days)

Job Duties:

- help analyse sediment samples for bacteria, using the RWSL microscope; the student will be taught how to use the microscope, how to save images, and proper data collection techniques
- help in preparing microscope samples
- data entry of microscope findings into results database
- participate in other areas of research underway (e.g. molecular work of polychaetes or bacteria, attend workshops and meetings, methodology aspects etc...)
- communicate with Aisling to determine which campus they will be working at, or if they will be joining in fieldwork
- by the end of the work period, the student must create a Poster (~2' x 2') highlighting their accomplishments and how their work was part of the 'big picture' research project
- days when they do not have lab work to complete, or are not in the field, they will work in the library, or another work-space, to:
 - o read reports and project overviews pertaining to the NSERC IE Project
 - o read relevant articles selected by Aisling
 - o create summaries of their findings from the articles
 - o work on their research poster

Requirements:

- must be an NIC student
- must be willing to work at both Comox Valley and Campbell River campuses
- must have completed first year major's biology courses (Bio102 and 103); enrollment in 2nd year science courses is preferred (either in the past or for the following year), as well as completion of first year chemistry (Che 110 and 111).
- must have strong attention to detail
- must be able to work independently and complete specifically stated goals
- must be willing to conduct fieldwork (potentially long days or overnight trips, and be comfortable on boats – all expenses will be covered, and pay will be extra for any overtime periods)

How to Apply

Send resume and cover letter indicating how you meet the qualifications to aisling.brady@nic.bc.ca by 4:00 pm on **Friday, April 25, 2014**. Please include a copy of your most recent transcript (unofficial transcripts are acceptable), and indicate if you are a current or past North Island College student. We thank all candidates for their applications; only suitable candidates will be contacted for an interview.