

Junior Ecologist

The Organization:

The **Centre for Environmental Genomics Applications (CEGA)** is a young, fast-paced, and quickly growing independent research centre that is focused on developing environmental DNA technologies to support new, world-leading environmental assessment and monitoring programs. We are dedicated to improving the environmental stewardship of our oceans and supporting the world's ocean industries, including offshore energy, fisheries, and aquaculture. CEGA is located in St. John's, NL, Canada.

CEGA is the first of its kind, a research facility dedicated to the application of genomics for environmental characterization and monitoring.

The Position:

We are looking for a **Junior Ecologist** to join our team. The Ecology group focuses on the field collection of environmental genomics samples, data analysis and interpretation of genomics data, and science communication. The Junior Ecologist will work with the Senior Ecologist to provide support across all of these activities.

Responsibilities:

Field Sampling

- Sample collection (may require work on evenings and weekends and overnight travel)
- Sample pre-processing (e.g., water filtration) for downstream lab analysis
- Sample receiving and sample inventory upkeep using LIMS
- Planning, procurement, and logistics for eDNA field sampling
- Field equipment maintenance
- Draft and maintain SOPs under an ISO framework

Data Analysis & Interpretation

- Data management and curation of large environmental genomics datasets
- Statistical analysis and ecological interpretation of environmental genomics results
- Literature review and data curation from publicly available databases to support R&D

Science Communication

- Prepare reports, presentations, and publications for technical and non-technical audiences
- Assist with planning annual scientific workshop

Skills & Qualifications:

- Knowledge of basic ecological concepts, community ecology and genomics methods demonstrated by a degree in biology, marine biology, environmental sciences, or associated field AND/OR 1-3 years of relevant work/research experience.
- Experience analyzing datasets and creating data visualizations using R statistical software
- Fluent in the use of standard Microsoft Office software, including Excel and Word. Preference will be given to candidates with database management experience.
- Excellent attention to detail and ability to follow standard operating procedures in a DNA “clean room” environment.
- Ability to work well independently and as part of a team
- Strong oral and written communication skills
- Organization and time management skills to balance working on multiple projects and meeting deadlines
- Excellent problem-solving skills and ability to think on your feet
- Valid Canadian driver’s license.
- First Aid/Wilderness/Marine Certifications are a plus

Eligibility: Pre-approval for the Science Horizons Youth Internship or meeting the requirements for this funding program is preferred. More information about this program can be found [here](#).

Position Type: Temporary, 1 year

Compensation: \$39,000 - \$45,000

How to Apply: Please send a cover letter and resume to hr@ednatec.com with ‘Junior Ecologist’ as the subject line.

While CEGA would like to thank all applicants, only candidates considered for an interview will be contacted.