



CCIRA

# Central Coast Indigenous Resource Alliance (CCIRA) Quantitative Analyst



CCIRA

## BACKGROUND

[CCIRA](#) was created by the Wuikinuxv, Heiltsuk, Nuxalk, and Kitasoo/Xai'xais Nations to provide coordination and technical support in fishery management and marine spatial planning. We pair scientific research and Indigenous knowledge to generate insights on fisheries and marine conservation by generating rigorous, publishable work. Our publications to date are available [online](#).

## JOB PURPOSE

The CCIRA Quantitative Analyst is responsible for quantitative data analyses in coordination and collaboration with CCIRA's Science Coordinator or other technical staff. The candidate must be self-motivated, capable of working independently and collaboratively, and able to meet deadlines.

## KEY ACTIVITIES

With CCIRA's Science Coordinator:

- Formulate the best analytical approaches for existing data sets and the inherent objectives.
- Analyze and graph data.
- Contribute to the reporting of methods and results.
- Maintain an archive of computer code and results in CCIRA's research Dropbox, reflecting the different stages of the work.
- As required for a given publication, archive raw data and computer code in public repositories.
- Report to CCIRA's Science Coordinator and Program Director, Fisheries Management & Science.

## SKILLS AND KNOWLEDGE REQUIRED

- High proficiency in statistical programming and analysis in R.
- Advanced knowledge of and experience with:
  - Generalized linear mixed models and their different variants (e.g., incorporating spatial structures).
  - Model selection procedures
- Ability to research and learn new analytical techniques.
- Ability to keep a clear archive of the work.
- Ability to communicate clearly during verbal and email discussions about potential analytical approaches.

## CANDIDATE SHOULD POSSESS

- Minimum a Master's degree in a quantitative scientific field (e.g. fisheries, statistics, ecology, physical sciences, math).
- Additional work experience outside a degree program is an asset.
- Positive interpersonal and personal skills: energetic, self-motivated, outgoing, persistent, and conscientious
- Excellent communication (verbal and written) and organizational skills.

### **SALARY AND TIMELINE**

- The position has a flexible start date during the mid-fall of 2020 (October or November), and ends March 31, 2020.
- This is a half-time contract with a daily rate of \$300/day, for a maximum of \$18,000
- Contract renewal is likely but will depend on performance and availability of funds

### **ORGANISATION**

Reports to: CCIRA Science Coordinator, CCIRA; Program Director, Fisheries Management and Science

Supports: CCIRA technical staff and contractors

Works directly with: CCIRA Science Coordinator and other technical staff

### **TO APPLY**

The deadline for applications is 4pm on September 30, 2020. Cover letters, CVs, and contacts for two references should be submitted electronically as a single PDF to:

- Alejandro Frid, CCIRA Science Coordinator: [alejfrid@gmail.com](mailto:alejfrid@gmail.com)
- Charlotte Whitney, CCIRA Program Director, Fisheries Management & Science: [cwhitneyccira@gmail.com](mailto:cwhitneyccira@gmail.com)