

## **Research Analyst (Marine Food Webs and Climate Change)** **Department of Biological Sciences, University of Alberta**

**Description:** The Green Lab at the University of Alberta is searching for a Research Analyst to assist with a new Lenfest Ocean Program-funded project in California Current Large Marine Ecosystem (CCLME) in collaboration with the Crowder Lab at Stanford University and NOAA Southwest Fisheries Science Center. The project focuses on developing a database of marine species characteristics to be used in a model of food web dynamics in the CCLME under climate change. The successful applicant will work with a team of researchers from the three partner institutions and fisheries managers in the US and Canada. This two-year project entails 1) developing and maintaining a database of marine species characteristics and 2) liaising with the project team and collaborators to coordinate bi-annual working group meetings. Our goal is to inform cross-jurisdictional management of fisheries species in the CCLME by developing trait-based tools that forecast spatial food web re-assembly under climate change. Skills required include experience with database creation and management, multivariate statistics, data synthesis and collation, and scientific writing. An interest and background in foraging ecology is an asset, as well as a desire to conduct research that informs fisheries management. Responsibilities include serving as primary and co-author on peer reviewed manuscripts, helping write project reports for funding and management agencies, and assisting with coordination of a working group.

**Qualifications:** M.Sc. in Ecology, Biology, Earth Sciences, Environmental Studies, Natural Resource Management or Oceanography; experience working with biological datasets; knowledge of foraging ecology and marine ecosystem dynamics. Experience developing and ideally leading research analyses; database creation and management.

**Setting:** The position will be based at the University of Alberta in Edmonton, Canada. Travel to Monterey, California for collaboration is also required. Learn more about the host institutions here ([www.greenlab.ca](http://www.greenlab.ca)) and here (<https://crowderlab.stanford.edu/>).

**Salary:** Commensurate with qualifications and experience; benefits included.

**Start date:** Negotiable but as early as November 2018.

**Term of appointment:** Initial appointment is for 1 year with renewal for year 2 based on a review to assess performance.

**To apply:** Applications must include a letter of application that addresses your interest in the topic and how you meet the qualifications, your CV, one to three writing samples (of published material), and contact information for three references. Documents/materials must be submitted in a single PDF file with the position title as the email subject to [stephanie.green@ulberta.ca](mailto:stephanie.green@ulberta.ca).

**Closing date:** Application review will begin October 1 2018. The position will remain open until filled.

*The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit persons; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.*