

Positions for Postdoctoral Fellows

Memorial University

We are looking for several highly motivated postdoctoral fellows to work on various research projects in the fields of ocean science and technology. The diverse projects involve the development of new tools, such as autonomous surface craft and a shallow water moored profiler as well as the development of new planning navigation and sensing techniques for underwater gliders. A particular challenge for these projects is their intended area of operations, the harsh conditions of the North West Atlantic, including deployments in ice-covered regions.

Two of the projects (MEOPAR and IOSS) involve the development of new approaches to ocean monitoring. One involves the development of a vertical profiler for shallow water the other for enabling expanded use of ocean gliders under ice and the development of autonomous surface craft for ice sampling. The third project (VITALS) will include the development of new tools for mission planning of ocean gliders and the deployment of gliders in the Labrador Sea as part of a scientific program exploring air-sea gas-exchange dynamics in the Labrador Sea. It is possible to work on more than one of these projects or perhaps to focus exclusively on just one. Applicants could come from quite different backgrounds but should have a PhD in ocean science, engineering or some related relevant technological discipline. We will pay competitive salaries and ensure an exciting and well supported research environment. Each of these positions will be for at least one year with the potential for renewal or extension.

Applicants can contact either of the two principal investigators:

Brad deYoung (bdeyoung@mun.ca) or Ralf Bachmayer (bachmayer@mun.ca) who are both at Memorial University in St. John's Newfoundland. Brad is in the Department of Physics and Physical Oceanography; Ralf is in the Faculty of Applied Science and Engineering.

Memorial University is the largest university in Atlantic Canada. As the province's only university, Memorial University plays an integral role in the educational and cultural life of Newfoundland and Labrador. Offering diverse undergraduate and graduate programs to more than 18,000 students, Memorial University provides a distinctive and stimulating environment for learning in St. John's, a safe friendly city with great historical charm, a vibrant cultural life, and easy access to a wide range of outdoor activities.