Research Associate Position at Dalhousie University

Canada requires rapidly deployable environmental prediction systems to help guide its response to marine emergencies along its coastline and offshore areas. To help meet this need, a Network of Centres of Excellence called Marine Environmental Observation Prediction and Response (MEOPAR, www.meopar.ca) has recently been established. One of MEOPAR's initial projects will develop a forecast system that can be set up rapidly after a marine emergency in order to provide short-term forecasts (hours to days) of the physical properties of the ocean. The forecast system will be developed in close collaboration with researchers from Environment Canada and Fisheries and Oceans Canada.

MEOPAR funding is available for a research associate to develop the data assimilation capabilities of the relocatable model. Particular attention will be paid to assimilation of point observations from the continental shelf and slope, and the simultaneous downscaling of information from coarser resolution, larger scale operational models. The successful applicant will work primarily with Professor Keith R. Thompson at Dalhousie University.

The successful applicant will have a Ph.D. in Physical Oceanography, Atmospheric Science or related discipline, and a strong publication record. Experience in running state-of-the-art, data assimilative models of the ocean or atmosphere is required.

The appointment will begin as soon as possible and will initially be for one year. Extensions may be granted for two more years subject to performance. The annual salary will be commensurate with qualifications and experience.

Applicants should send a statement of interest, curriculum vitae (including a list of publications), and the names and addresses of three references to:

Jackie Hurst
Department of Oceanography
Dalhousie University
1355 Oxford Street
PO BOX 15000
Halifax, Nova Scotia
Canada, B3H 4R2

Email: Jackie.Hurst@dal.ca (Submission by e-mail is encouraged.)
Fax: (902) 494-3877.

Review of applications will start immediately and continue until suitable candidates are found.

All qualified candidates are encouraged to apply; however in accordance with Canadian immigration requirements, Canadian citizens and permanent residents of Canada will be given priority. Dalhousie University is an Employment Equity/Affirmative Action employer. The University encourages applications from qualified Aboriginal people, persons with a disability, racially visible persons and women.