

## **Opportunities for Post Doctoral Fellows and Research Associates in Atmosphere and/or Ocean Modelling and Data Assimilation**

Dalhousie University is searching for Postdoctoral Fellows and/or Research Associates to join the Global Ocean-Atmosphere Prediction and Predictability (GOAPP) network funded by the Canadian Foundation for Climate and Atmospheric Sciences. Two positions are available. The successful candidates will collaborate with researchers at Dalhousie University and other universities in the network, and with scientists from Environment Canada and Fisheries and Oceans Canada. They will have a Ph.D. in Atmospheric Science, Physical Oceanography or a related discipline. They will also have experience in running and developing state-of-the-art ocean and/or atmosphere models or expertise in data analysis required for model-data intercomparisons. Knowledge of data assimilation is desirable.

GOAPP's overall goal is to improve forecasts of the ocean and atmosphere on time-scales of days to decades, and space scales of tens of km (e.g., ocean eddies) to global. The successful applicants will focus on time-scales of days to seasons. The research involves the assimilation of a wide range of data types, including relatively new data streams such as temperature and salinity profiles from Argo floats, into ocean and coupled models using novel assimilation schemes. Specific research activities include: enhancing ocean and coupled atmosphere-ocean modeling and data assimilation capabilities; identifying the sources of, and limits to, predictability in the ocean and coupled system; and undertaking and physically interpreting decadal scale reanalyses.

Appointments will begin as soon as possible after March 1, 2010 and will continue until at least March 31, 2011. The annual salary will be commensurate with qualifications and experience.

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.

The competition will remain open until suitable candidates are found.

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

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