

POME-Prediction and Observation of the Marine Environment

North America Partnership Programme

CANADA-NORWAY EXCHANGE

Call for applications

POME provides a framework for cooperation in higher education to enhance trainee opportunities for students in marine science at the BSc, MSc, and PhD. levels. **POME** will establish a closer collaboration in marine science education between scientists from the **University of Bergen, Dalhousie University, the Halifax Marine Research Institute, the Nansen Center and the Institute of Marine Research in Bergen.**

POME has allocated a sum of 200 000 NOK (ca. Can\$35 000)/year to support (i) Staff exchange and mobility related to teaching and supervision, (ii) MSc student scholarships (13500 NOK (ca. Can\$2300)/month), (iii) PhD student scholarships (13500 NOK (ca. Can\$2300)/month), (iv) Young scientist topical workshops and (v) student internships (15000 NOK (ca. Can\$2600), host group contribution required). The funding is available for exchange and collaboration between partner institutions. Funds will be advertised twice a year.

Funding is available for students from University of Bergen or Dalhousie University and for Canadian-Norwegian collaborations involving students and supervisors from a minimum of 2 of the partner institutions named above.

Applications will be ranked separately for the different funding opportunities. Ranking for the first call of funding will be done according to the quality of the proposal and study plan including the level of integration in supervision. The funding call is open for activities planned during the study year 2013, with priority on activities planned during spring/summer 2013.. Activities should relate to the POME topical priorities (see below).

Deadline for the first call of proposal is: 20 December, 2012

Applications (max 2 pages) should be sent by email to corinna.schrum@gfi.uib.no and jon.grant@dal.ca.

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Additional information about the POME project

POME Project description

The network partners have identified 9 topical areas of mutual research interest, for which collaboration either has been established or will be developed in future within physical, biological, chemical and geological branches of marine research and education.. These comprise the following areas: (i) Marine ecosystems, (ii) carbon cycling and carbon observations, (iii) ocean acidification, (iv) coastal observing and prediction systems, (v) acoustics, (vi) regional modelling and downscaling, (vii) coastal sediment dynamics, (viii) aquaculture in marine ecosystems and (ix) marine environment and renewable energy.

Building on these areas of mutual interest, the network will develop a closer collaboration in education for MSc and PhD students with the purpose of enhancing existing training opportunities and increasing early exposure of undergraduate and graduate students to international researchers. Educational collaboration within the proposed project comprises six elements, (i) complement and strengthen existing course program at both universities, (ii) jointly supervise MSc theses, (iii) establish and jointly supervise PhD. projects, (iv) organize young scientist workshops, (v) sponsor international student internships and finally (vi) evaluate of the possibilities for a joint study program and joint degrees.

Lecturing and course activity

The proposed project permits the broadening of the existing course programs at both university institutions. Travel scholarships (1-6 months) will allow for stays up to one semester to participate in complementary lectures at the partner university. Short term staff exchange will be financed to contribute specific knowledge to the existing course programs at both universities and to introduce student research projects. Grants will be advertised twice a year.

MSc projects

Jointly supervised MSc projects will be established and student exchange will be financed by student scholarships. Staff exchange (1-3months) to develop and accomplish joint supervision of student research projects will complement the student exchange programs. Mobility grants for MSc students will be advertised twice a year and proposals related to MSc theses need to be planned together with the co-supervisors.

PhD projects

PhD research projects will be established on a collaborative basis. The student's supervisory committee will comprise researchers from Norwegian and Canadian partner institutions. POME will contribute financial support to exchange and mobility of the students. The PhD mobility grants extend to a maximum of 6 months. In addition staff exchange will be financed with associated supervision of PhD projects. Mobility grants will be advertised and mobility plans developed and proposed together with the co- supervisors.

Young scientist topical workshops

We will support travel costs for a few topical workshops in areas of mutual interest. These workshops should involve one or more young scientists, supervisors and additional scientists with key expertise. Grants will be advertised once a year, seeking of additional funding will be recommended.

Student internships

A limited number of international internships will be offered for graduate and undergraduate students to spend 8 weeks in the "other" country working under the supervision of a Ph.D. student. A few will be offered for the best undergraduates. Grants will be advertised twice a year. The Ph.D. students can apply by writing a short project description of what the interns would accomplish during their stay. The funded internships will be selected and advertised, and prospective BSc or MSc students then apply and rank their preferences for these internships. The partnership then covers air-fare and accommodation for a c. 8 week working stay of the best applicants. Some limited cost sharing will be required from the hosting group to ensure commitment.