

GRADUATE STUDENT FELLOWSHIPS

Offered by the Marine Environmental Observation Prediction and Response Network (MEOPAR) Network of Centres of Excellence

Two graduate student fellowships – one masters and one doctoral – are available for students pursuing thesis-based degrees at Memorial University who are interested in joining a 2-phase research program commencing in 2013-14. This research is funded by the Marine Environmental Observation Prediction and Response Network (MEOPAR) Network of Centres of Excellence (www.MEOPAR.ca). The funding is jointly held by Barb Neis, Co-Director of the SafetyNet Centre for Occupational Health and Safety Research (Memorial University) and Ron Pelot, Industrial Engineering (Dalhousie University) and Associate Scientific Director of MEOPAR.

Phase 1 Supported students will help examine how accidents and fatalities in commercial fisheries could be exacerbated by medium- and long-term worsening of wind, wave and storm conditions. Questions to be examined include:

- How do accident rates and severity predictions change given the predicted worsening of specific weather factors?
- How do these predictions vary across fleet and gear sectors, region, target species, seasons and ports of refuge?

Phase 2 Research will explore fishing industry, government and community preparedness for extreme weather events and ways to enhance this preparedness, including via uptake of the MEOPAR models. Researchers will do this by examining physical, social and institutional factors associated with preparedness in different types of coastal communities and fleet sectors, working with multiple stakeholders in high risk sectors/harbours to identify preparedness challenges and look for solutions to those challenges. For example:

- What are the features of high risk contexts?
- What is the most appropriate way to mobilize knowledge generated through the models in different communities confronting different risks and with different preparedness capacity?
- What kinds of adaptation strategies might be most effective to mitigate risks in these diverse contexts?

Assistantship Period

Doctoral: up to 4 years Masters: 2 years

Anticipated Start Date

Doctoral: 2013, 2014 Masters: 2014

Application Procedure

Interested students should email a current CV, a statement outlining why you are interested in one of these positions and what you could bring to this work, and a sample of your written work to Professor Barbara Neis, Co-Director, SafetyNet Centre for Occupational Health and Safety Research at bneis@mun.ca

Questions? Contact Professor Neis for more information via email or at 709-864-7244.

