

MSc Position: Physiological Costs of Exposure to Oil and Spill Response Measures in Atlantic Cod and/or Lobster

The Speers-Roesch Lab in the Department of Biological Sciences at the University of New Brunswick, Saint John (UNBSJ), in collaboration with the Huntsman Marine Science Centre, is seeking a motivated MSc student to carry out research on the physiological costs of exposure to oil products and spill response measures (e.g. dispersants, natural attenuation) in early life stages of Atlantic cod and/or lobster. The project is part of a larger collaborative research program involving academic, government, and industry partners. In our research lab, we use whole-animal, physiological, and biochemical techniques to understand how physiological responses facilitate or constrain the function, performance, and persistence of animals in challenging environments. The student will be based at UNBSJ and the project will involve research at the Huntsman Marine Science Centre in St. Andrews, New Brunswick. The student will receive extensive training in ecotoxicological, physiological, and behavioural techniques.

The preferred starting date is January 2020 but this is flexible. Qualified applicants will have a BSc degree by time of appointment, show evidence of high research potential, have a solid work ethic, and have strong interpersonal and communication skills. Previous experience with physiological, ecotoxicological, and/or aquatic animal research are assets. A driver's license is required.

A competitive full stipend is guaranteed. Conference travel will also be provided. The Department of Biological Sciences at UNBSJ is a collegial and research-intensive group with a major strength in marine biology. Saint John is a vibrant port city with a historical core, great nightlife and restaurants, and access to wilderness and the ocean on its doorstep. The Huntsman Marine Science Centre is a well-equipped and highly active marine station.

To apply, please e-mail the following to Dr. Ben Speers-Roesch (bspeersr@unb.ca): 1) CV; 2) unofficial copies of your academic transcripts; 3) the names and contact information for at least two references; and 4) a brief description in your e-mail of your background and interests. Preference will be given to applications received by **March 31, 2019**. For more information on our research group, please visit: www.bsrlab.com



Speers-Roesch Lab
Marine & Freshwater Ecophysiology

