

Riddell Faculty Seminar Series presents:

Marine biodiversity and its influence on ecosystem functioning (2013-2014 CNC-SCOR Western Lecture Tour)

Dr. Philippe Archambault,
Université du Québec à Rimouski

Date: Friday, March 21, 2014

Time: 3:00-4:00pm

Place: Klaus Hochheim Theatre
(5th floor, Wallace Bldg)



Abstract: How many marine species live in Canadian oceans? How many species still await to be described or discovered? What factors control biodiversity and the functioning of our ecosystems? As part of the 2013-2014 Canadian National Committee for Scientific Committee on Oceanic Research (CNC-SCOR) Western Lecture Tour, this talk will try to answer some of these questions for the three oceans of Canada. Furthermore, results from manipulative experiments and field sampling aimed at understanding the relationship between biodiversity and benthic ecosystem functioning in the Arctic, as well as in others regions, will be presented.

Biography: **Professor Philippe Archambault** is a marine ecologist, and more specifically a benthic ecologist with expertise in sampling and experimental designs. His interest could be described along three research axes: i) describing the marine biodiversity, ii) understanding patterns of biodiversity related to natural and anthropogenic disturbances, and iii) exploring the relationship between biodiversity and ecosystem functioning. Phil serves on many Scientific Advisory Committee such as the Canadian Healthy Oceans Network (CHONE), the project ANIMIDA III from the Bureau of Ocean Energy Management, USA, and he is also a member of the task force of the international Network Life in a Changing Ocean (LICO). Phil is an editor for the journals PLOSONE, Aquaculture Environment Interaction and Marine Ecology Progress Series.

12:30 p.m. Free pizza lunch for graduate students with Dr. Archambault, CEOS Boardroom - 477 Wallace

