



Student Profile

April 2015



Julius A. Ellrich – PhD student
St. Francis Xavier University, Antigonish, NS



Introducing: Julius A. Ellrich. Julius is a PhD student in the Department of Biology at St. Francis Xavier University working under the co-supervision of Dr. Ricardo A. Scrosati (StFX) and Dr. Markus Molis (Alfred Wegener Institute for Polar and Marine Research, Germany). Julius' research focuses on predator non-consumptive effects (NCEs) on prey recruitment using a model system consisting of predatory dogwhelks (*Nucella lapillus*) and barnacles (*Semibalanus balanoides*) in the rocky intertidal of Nova Scotia. By conducting manipulative field experiments that spanned two barnacle recruitment seasons, Julius recently showed that predator NCEs on barnacle recruitment weaken with recruit density, as published in the March 2015 issue of *Ecology*. Ultimately, Julius' research aims at determining the role of predator NCEs on prey demography in marine benthic systems.



When not counting barnacles (the magic number for an upcoming manuscript being 882,471), Julius enjoys taking pictures to show other stuff besides barnacles! [Senden](#) [Gefällt mir](#)

If you would like to be featured in our monthly student profile, please contact Jeff Clements (jeff.clements@stfx.ca) or Andrea Price (andrea.price@mail.mcgill.ca).