Ph.D (or M.Sc.) student position
(Canada)

At least one graduate student position is available with Dr. Craig Purchase at Memorial University, in St. John’s, Newfoundland, Canada.

A Ph.D. student is preferred but I will consider taking M.Sc. students with highly relevant backgrounds. I am unlikely to make decisions about M.Sc. students until the new year.

We conduct research on a variety of marine and freshwater fishes. Lab research includes life history variation, phenotypic plasticity, local adaptation, sperm & egg quality, habitat selection and conservation biology. The current focus is on gamete interactions/ecology in external fertilizers, including the roles of natural (water chemistry/temperature) and post-copulatory sexual selection (female chemical cues) on sperm.

I will take a student who’s research project would address evolutionary ecology questions related to fish reproduction, and will likely focus on aspects of sperm biology. It is not an aquaculture-oriented project, nor ecological monitoring. I may take other students for other ecological projects. Most of the work will focus on wild Atlantic salmon, but other species may be involved. The research is lab experimental based, with some collection of parent fish from the field. I am most interested in students that have backgrounds in sexual selection or sperm biology (any taxa), with the next most desirable being fish reproduction or salmon biology.

For more information on my research program visit www.uks.mun.ca/~cfpurchase

A PhD student will receive a financial package of at least $80,000 (strong students are likely to obtain significantly more). Start date should be January or May 2018.

Interested students should send a cover letter, CV, and unofficial copy of transcripts to cfpurchase@mun.ca.

Review of applications will continue until the position is filled. [update Sept 20, the position is not yet filled].

Cheers

Craig