Job Title: Ph.D. applications to work on woodland caribou demography and conservation in the Saskatchewan Boreal Shield.

Location: University of Saskatchewan, Saskatoon, Saskatchewan, Canada

Closing: Will need to contact me by Feb 10, 2015. Students must have a record of publication in mainstream peer-reviewed journals and GPA of 3.8 or higher.

Apply: Email me a CV and pdf copies of both undergrad and graduate transcripts. Email to philip.mcloughlin@usask.ca. Please write "Woodland Caribou" as the subject line.

Description: My lab is developing a long-term research program on the ecology of threatened woodland caribou in northern Saskatchewan, Canada, including population dynamics, critical habitat, and the population dynamics of their main predators (wolves and black bears). This opportunity, which is fully funded commencing Sept 1, 2015, is for a Ph.D. student to study caribou population dynamics including linking survival and reproduction to habitat features and density. Field work will occur principally in winter including flying surveys for previously collared caribou, and some site investigations in autumn for collar drops/caribou kill investigations. The research will occur as part of a team working on caribou habitat selection, population ecology, and wolf and black bear habitat selection in northern Saskatchewan, Canada.

The project is fully funded at $21,000 CAD per year, however, students will be expected to apply for internal and external scholarships, including NSERC PGS-D scholarships (if Canadian). Because of the latter, preference will be given to Canadians.

The successful student will have an opportunity to engage with a large lab working on related questions with respect to caribou population dynamics, but also our lab's long-term project on the life history and evolution of the Sable Island horses. Students can expect to publish outside of one's own thesis topic as part of whole-lab research questions. Evidence of familiarity with population modelling, generalized linear models, and programming in the R language is an asset.

Preference will be given to students that aspire to a career in academia and who have a track record that reflects this career goal.

Interested applicants should contact me asap by email (philip.mcloughlin@usask.ca), and be prepared to submit a current CV with copies of transcripts. Website: http://mcloughlinlab.ca/lab/