



Graduate student assistantship: the physiological and movement ecology of Storm Petrels.

I'm seeking an MSc candidate to join my lab at Dalhousie University. The successful applicant will be situated in the Biology Department, in the Animal Ecology & Evolutionary Physiology Laboratory (Prof Glenn Crossin, www.evophys.ca), but will also work intimately with collaborators from Environment & Climate Change Canada in Nova Scotia and Newfoundland. The position will use pre-existing datasets that characterize the trans-equatorial migration biology of Leach's storm-petrels. A particular focus will be linking geolocation derived movement data to physiological measures (stable isotopes, feather corticosterone, trace metals and contaminants), and an exploration of carryover effects onto breeding activity. Applicants will thus need to have real experience manipulating large datasets and proficiency in R coding. Participation in field activities is also possible, either as new components to the MSc project or in support of ongoing research at storm petrel colonies throughout the Maritime provinces of Atlantic Canada. The candidate will have a significant degree of interaction with agency partners, and should thus be mature, directed, and collaborative. The position is open until a suitable candidate is identified, with an earliest start date of Jan 2026. The position is funded for 2 years, though candidates possessing an NSERC graduate fellowship would be given preference.

Applicants possessing the following would be highly desirable: experience in seabird or avian ecology; understanding of physiological mechanisms; experience with the analysis of geolocation data or other kinds of movement data; proven proficiency with statistical coding in R; ability to work in a timely manner to meet deadlines; a driver's licence.

Applicants should send the following to Dr. Glenn Crossin (glenn.crossin@dal.ca): 1) A Cover letter, briefly expressing their interests, experience, and skillsets; 2) a Curriculum Vitae; and 3) Contact details for three professional references. Applications will be considered until the position is filled.

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