

MSc/PhD Studentship: Evolutionary Physiology/ Evolutionary Ecology of Insect Cold Tolerance

The Sinclair lab at the University of Western Ontario seeks a creative, motivated and evolutionary-minded MSc or PhD student to start in 2010. Research will fall within the general theme of insect cold tolerance, preferably with a strong evolutionary slant. Projects could be largely physiological or ecological (or a combination thereof), and may include insects from the wild or a multi-species *Drosophila* system we have established in the lab.

The Sinclair lab (<http://publish.uwo.ca/~bsincla7/>) is medium-sized, vibrant and social, and we aim to perform excellent science while having fun. The lab is exceptionally well-resourced for insect low temperature biology in an evolutionary/ecological context thanks to recent CFI infrastructure grants, uses techniques from molecular to macroecological, and has active collaborations with researchers in France, the UK, the USA, South Africa and New Zealand, with potential for lab or field work in those countries. The Biology Department at the University of Western Ontario is a research-intensive department with over 150 students in the graduate programme. The University's picturesque campus is located in London, Ontario (pop. 370,000), close to both large cities and rural areas. UWO provides competitive bursaries and Teaching Assistantships to both Canadian and non-Canadian students.

This position will suit students with a background in ecology, physiology, evolutionary biology or entomology (and preferably an interest in all four!). Please email Dr Brent Sinclair (bsincla7@uwo.ca) to initiate informal discussions.

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