



Graduate positions available

The Rolian lab at the University of Calgary is seeking highly motivated graduate students (MSc or PhD) with an interest in skeletal evolution in mammals, to start as soon as possible. The core of the Rolian Lab's research program is an artificial selection experiment targeting increases in limb bone length in mice. This unique resource, known as Longshanks, was developed to study skeletal evolution in "real time", from genomics to development to phenotypic coevolution and whole organism performance. Students will be able to develop specific projects in accordance with their own interests, and with the long-term goals of the Rolian lab. Individuals with a background and interest in vertebrate evolutionary biology, developmental biology and/or biomechanics are particularly encouraged to apply.

The University of Calgary is one of Canada's leading research-intensive universities, with diverse faculty working on evolutionary, developmental and skeletal biology. Funding is available through the lab and through teaching assistantships, although it is expected that students will also apply for competitive external and internal grants (e.g. NSERC). Calgary is a world-class city near the Canadian Rockies, with excellent amenities and year-round opportunities for recreation and culture.

More information on the Rolian lab can be obtained at: <http://www.rolianlab.com>, where links to our most recent projects on Longshanks can also be found under Publications. Information on admission requirements to pursue graduate studies at the U of C can be obtained at: <http://www.ucalgary.ca/future-students/graduate/apply>

Interested candidates should email Dr. Campbell Rolian (cprolian@ucalgary.ca) by **May 20th 2018**, with a brief description of their research interests, background and current studies/work. Please note that the deadline for admissions varies by program, with the earliest possible start date of Fall 2018.

