Graduate Student Opportunities in Evolutionary & Conservation Ecology
Department of Biological Sciences, University of Calgary

The SM Vamosi lab for Evolutionary & Conservation Ecology at the University of Calgary is recruiting 1-2 graduate students for Fall 2022 (i.e., September 2022 start date). We are seeking individuals with interests, background, and passion for ecology, evolution, and conservation of aquatic and semi-aquatic species and ecosystems at risk from a variety of stressors, including resource extraction, habitat loss, and climate change. Field work will be in western Canada (esp. Alberta and Yukon). **Folks from historically marginalized groups are encouraged to apply. We especially welcome Indigenous candidates and those who seek to work with Indigenous communities and partners in a good way.**

**Species/systems & general areas (not necessarily mutually exclusive):**

1. **Bull Trout**: Occupancy and range limits, impacts of life history on connectivity, responses to habitat amelioration efforts

2. **Beavers**: Genetic consequences of recovery from near-extinction, impacts on/interactions with Bull Trout, human-wildlife conflict, interplay b/w territoriality and range expansion

3. **Microplastics**: Distribution, sources, and impacts of micro- and nano-plastics on river food webs, especially in mountains and the North

**Requirements:**

For MSc candidates, you should have a BSc in a related field; for PhD candidates, preference given to candidates with a BSc & MSc in related areas. For both, your GPA needs to meet minimum requirements for the Department and for international candidates there are English proficiency requirements.

**To indicate your interest:**

Please contact me (Dr. Steven Vamosi, smvamosi@ucalgary.ca) with a personalized email/letter describing your background, interests, and preference(s) among the proposed areas, along with a CV & transcripts (unofficial is fine at this stage). **Please submit these by November 15, 2021**, after which I will review files and reach out to candidates to arrange virtual meetings (Zoom or similar). Please save yourself the money and **do not** apply directly to the University at this point.

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Dr. Steven M. Vamosi (he/him)
Welcome to the University of Calgary. I would like to acknowledge the traditional territories of the people of the Treaty 7 region in Southern Alberta. The City of Calgary is also home to Métis Nation of Alberta, Region III.