

3/2022

Graduate Studentship: University of Calgary Faculty of Veterinary Medicine, Canada

Ectoparasites and Vectors: Evolution and Genomics

Graduate studentships (MSc or PhD) are available at the University of Calgary in the Soghigian Lab (<https://www.soghigian-lab.net/>) with a flexible start date in 2022 or 2023.

We are recruiting students interested in basic and/or applied research on ectoparasite and disease vector diversity and evolution. Potential student projects include host-parasite coevolution, the evolution of complex phenotypes critical to parasite and vector success, and population genomics of important invasive and vector species. We leverage genomic tools and evolutionary methods to answer questions across a range of scales, from population genomics of important vectors like the mosquito *Aedes aegypti*, to analyses of entire lineages using phylogenomics and comparative methods.

The graduate student will receive a competitive stipend and be enrolled in the Veterinary Medical Science graduate program (<https://vet.ucalgary.ca/future-students/graduate-students/how-apply>), and will also be a member of the award-winning Host-Parasite Interactions (HPI) training network which comprises 19 principal investigators and >70 trainees. The HPI offers a wide array of community engagement and professional development activities (<https://ucalgary.ca/host-parasite-interactions/about>).

To learn more, please reach out to Dr. John Soghigian (john.soghigian@ucalgary.ca) with a brief statement describing research interests and a copy of your CV. Applicants will be contacted on a rolling basis, but priority will be given to applications received by March 31st, 2022.

The University of Calgary is one of Canada's top five research universities, grounded in innovative learning and teaching and fully integrated with the community it both serves and leads. The University of Calgary inspires and supports discovery, creativity and innovation across all disciplines. For more information, visit ucalgary.ca. The University of Calgary is located in one of the world's most livable cities in Calgary, Alberta. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.



SOGHIGIAN LAB