

Graduate research opportunities

We are recruiting between 1 and 3 graduate students (pending funding of the project) on an exciting project on individual indicator of resilience in wildlife.

Research Area: The successful candidate(s) will conduct field-based research to develop physiological indicators of resilience in wildlife. The fields of conservation physiology and eco-immunology, and research on wildlife homeostasis and stress response provide multiple potential metrics to estimate resilience in animals. This project aims to develop methods to estimate resilience in wildlife (rodents and grassland birds) using infra-red thermography and other blood-derived indicators. These methods will eventually be used to assess the variability of resilience of wildlife in response to grazing management.

Program and Place of Work: This project will support 1 MSc students in the Veterinary Medical Sciences program (VMS) through the Department of Ecosystem and Public Health in the Faculty of Veterinary Medicine (<http://vet.ucalgary.ca/graduate/>) at the University of Calgary, Alberta, Canada. The successful applicant will work closely with a growing team investigating health at the wildlife-livestock interface in local and international contexts, with possibility to involve in a variety of other disease and health ecology research projects. Research will be carried out in Alberta, Canada, but remote enrollment may be temporarily feasible as required by COVID-related restrictions.

Qualifications: Candidates should have a Bachelor's degree in the above discipline with strong record of research, or a professional degree in veterinary medicine. The successful candidate will have a strong aptitude for communication and teamwork and have demonstrated good academic performance in their past programs.

Salary: Candidates must be academically competitive and will be expected to apply for external funding. Minimum stipend is \$25,000/yr. For outstanding students, internal top-up award opportunities are available on a competitive basis.

Start Date: The positions would start in May 2021 at the earliest. Application deadline for VMS graduate program and admission requirements can be found here: <https://vet.ucalgary.ca/future-students/graduate-students/admission-requirements>. (This is just for your information and for the purpose of assessing eligibility: do not apply to the VMS graduate program unless you have been asked to do so).

Application Interest: Interested candidates should send by email (mpruvot@ucalgary.ca) a current curriculum vitae, a scanned copy of transcript or listing of course grades, names and contact information for two references, and a cover letter describing your interest in the project.

For further information about the above research opportunities, please contact Dr. Mathieu Pruvot at mpruvot@ucalgary.ca.