

Post-Doctoral Researcher Terrestrial Mammal Ecology

University of Victoria School of Environmental Studies

Term: September 1st 2022 – August 31st 2023.
Compensation: \$60,000 CDN / year: field, analytical, and conference budgets will be supplied.
Location: Victoria, British Columbia; remote work is negotiable.

The Lab: The ACME Lab is a collaborative group of researchers examining mammal ecology from the Arctic to the urban Canadian south. We are located at the beautiful University of Victoria and have a track record of publications in journals such as *Frontiers in Ecology and Environment*, *Science of the Total Environment*, and *Journal of Applied Ecology*. For more information on our team see <http://www.acmelab.ca>, and <http://www.jasonthomasfisher.ca/>.

Opportunity: The Applied Conservation Macro Ecology (ACME) Lab is seeking to hire 2-4 post-doctoral researchers in terrestrial mammal ecology. We are asking for *Expressions of Interest* from candidates to lead research in two focal areas:



1. Boreal mammal communities' response to landscape change. Working with researchers in the Oil Sands Monitoring Program and the Whitefish Lake First Nation, the PDF will lead field research, analysis, and reporting on the effects of landscape change on boreal mammal communities. The focus is on density estimation and community-scale multi-species modelling to explore landscape and population ecology using camera-trap data. The PDF will contribute to funding deliverables but with wide scope for original thought and contributions.

2. Urban ecology of black-tailed deer. Working with our wildlife veterinarian and team of technicians, the PDF will lead analysis on urban black-tailed deer ecology on southern Vancouver Island, where we are conducting experiments in population reduction and testing hypotheses about population response in different landscapes with different degrees of permeability. The PDF will contribute to funding deliverables but again with a wide scope.

Several publications are expected of each, and we will work as an integrated team to achieve this. Send *Expressions of Interest* to Dr. Jason T Fisher at fisherj@uvic.ca; include a CV that highlights your analytical skills and a brief description of research goals and ideas for future work.