

Cascade Carnivore Project

Wildlife Biology Field Crew

Identifying key prey of wolverine and Cascade red fox in a changing climate

Supervisor:	Kathryn Scheer, Executive Director
Compensation:	\$1,500 stipend and housing provided 24 hours/week for 10 weeks
Period of Employment:	June 21, 2022 – August 26, 2022 3 days per week
Participation Requirements:	Living in the Methow Valley for the summer Enrollment in UEPP 471 Campus Sustainability Planning Studio course Meets 2 days per week (3 credits) Optional internship credits are available but not required (up to 8 credits)

Overview

We are seeking 1-2 early career field biologists to participate in a collaborative study of Canada lynx and Cascade red fox in Washington's North Cascades Ecosystem. The position involves hiking and backpacking in remote wilderness areas, hiking endless miles, surveying gravel roads, collecting carnivore scats, handling and processing DNA samples, organizing field data, and logistics.

The candidate should have a positive attitude, enjoy strenuous days hiking into mountainous terrain, and has a willingness and ability to work alone at times. Field work will be conducted in the Okanogan-Wenatchee National Forest, Chelan-Sawtooth Wilderness, Pasayten Wilderness, and Loomis State Forest.

Responsibilities

- Work independently
- Meticulously collect data
- Archive DNA samples
- Manage your work schedule
- Navigate safely in the backcountry

- Communicate effectively with your team

Required Qualifications and Experience

Your qualifications should include working and recreating in the mountains. Previous field experience in wildlife or environmental field research is an asset. The preferred applicant is pursuing a B.Sc. in Wildlife Biology or a related field, and has a strong background recreating in the mountains. You will be expected to be in strong physical shape with experience travelling in the backcountry in mountainous terrain. You will need to provide your own reliable vehicle and backpacking gear. You will also need to provide proof of driver's license, insurance, and full vaccination and booster against COVID19. A stipend, housing, and field safety gear will be provided; and mileage will be reimbursed.

Educational/Professional Benefits

Gain experience in wildlife biology, conservation biology, conservation genetics, and carnivore ecology. Learn how to collect and archive DNA. Learn about carnivore conservation efforts in Washington's Cascades Range.

Find more information about Sustainability Pathways Fellowships at:

<https://sustain.wvu.edu/pathways>

Please direct all questions to Sustainability Pathways Director, Joshua Porter at:

Joshua.Porter@wvu.edu