

Cameron McLaughlin

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Ecological Science and Sustainability

Emerging ecologist with laboratory and field technician experience, looking to explore interests in the intersection between ecological and hydrological sciences. My experiences within these fields include insight into:

- Forest and Rangeland Ecology
- Analytical Chemistry and Hydrology
- Field Hydrological Sampling
- Wildlife and Recreational Survey

Education

Bachelor of Science in Ecosystem Science and Sustainability

Expected May 2025

Colorado State University, Fort Collins, CO

3.89 GPA

- Minors in Spanish, Watershed Science
- University Honors Scholar

Professional Experience in Ecology

Ecological Field Crew Lead

Summers 2023 & 2024

Natural Resource Ecology Laboratory-CSU, Fort Collins, CO

- Conducted rangeland and forest assessments across CO, OR, WY, ID & NM
- Led and coordinated field efforts with research team – Summer 2024
- Instructed crew on field methods and use of handheld GPS, Avenza, & FieldMaps

Analytical Laboratory Assistant

January 2023-Present

EcoCore Laboratory, Fort Collins, CO

- Processed various analytical chemistry analyses on environmental samples
- Organized, managed, and logged analyses results in database for clients

Summer Intern- On-Call Field Technician

May 2022-August 2022

Stillwater Sciences, Davis, CA

- Acquired samples and water quality data in lakes, rivers, and streams of Sierra Nevada
- Performed wildlife observation and surveying in the Sierra Nevada Mountains
- Conducted thorough recreational surveying for USFS Campground facilities

Other Relevant Experience

University Honors Program Thesis

Colorado's Lost Ski Areas: Historic Snowpack Perspectives

An analysis of the historic ski area closures of the Rocky Mountains of Colorado, utilizing two representative ski areas and paired USDA snow courses. Historic snowpack data sourced from these long-term research sites is analyzed for trends indicating possible impacts before, during and after the Period of Operation (POO) of select ski areas. From this research, climate adaptation preparation is bolstered through better understandings of climate change impacts on the ski tourism industry of Colorado.