

**Rocky Mountains Cooperative Ecosystem Studies Unit  
Project Summary**

**Task Agreement #:** P21AC10822

**Project Title:** Genetics of Cutthroat Trout in the Lamar River Watershed

**Discipline:** Natural

**Type of Project:** Research

**Funding Agency:** National Park Service

**Other Partners/Cooperators:** University of Wyoming

**Student Participation:**

**Effective Dates:** 9/1/2021 to 12/31/2023

**Funding Amount:** \$13,800

**Investigators and Agency Representative:**

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**Project Abstract:**

Project goals: Overall goals are to assess genetics of native cutthroat trout in the Lamar River watershed, Yellowstone National Park.

Project objectives: Objectives are to 1) Use genetic methods to identify the ancestry and hybrid status of each sampled individual from a range of sites in the Lamar River watershed, and 2) Using genetic data, assess the potential impacts of historical stocking of Yellowstone Lake cutthroat trout into the Lamar system.