

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

Task Agreement #: P21AC10227

Project Title: Wildlife-Human Incident and Communication Analysis on Federal Public Lands in the Greater Yellowstone Ecosystem

Discipline: Social/ Natural

Type of Project: Research

Funding Agency: National Park Service

Other Partners/Cooperators: Utah State University

Student Participation: No

Effective Dates: July 1, 2021 – August 31, 2022

Funding Amount: \$12,824.52

Investigators and Agency Representative:

Agency Contact: Erin White NPS

Investigator: Zachary Miller, Utah State University, 916-622-0636, zachary.miller@usu.edu

Project Abstract:

Project goals: The project goals are to (1) understand changes in incidents over time; (2) evaluate communication content, sources, information distribution and visitor information reception; and (3) collaborate with partners during a focus group to share study results, communication strategies, and perceived effectiveness of communication strategies.

Project objectives: The expected result of the project is to understand wildlife-human conflict patterns and mitigation efforts at a landscape scale in the Greater Yellowstone Ecosystem. The objectives of the project are to present longitudinal trends of wildlife-human incidents across the landscape, to improve the understanding of the effectiveness of bear safety communication strategies implemented across the GYE, and to share findings with stakeholders and provides a mechanism to increase effective communication around the wildlife-human safety issues across the GYE.