

Project Summary

Rocky Mountains Cooperative Ecosystem Studies Unit

Project Title: Windows into Wonderland eTrip Evaluation
Discipline: Interdisciplinary
Type of Project: Education
Funding Agency: National Park Service
Other Partners/Cooperators: Montana State University
Effective Dates: 6/1/2006 - 9/30/2007
Funding Amount: \$20,000
Investigators and Agency Representative:
NPS Contact: Ellen M. Petrick, M.A., National Park Service, Yellowstone Education
Office, PO Box 168, Yellowstone National Park, WY 82190, 307-344-2253,
ellen_petrick@nps.gov

Investigator: Annelise Carleton Hug, Ph.D., Science/Math Resource Center, 401 Linfield
Hall, Montana State University, Bozeman, MT 59717-2804, 406-994-3580, 406-994-3733 fax,
annelise@montana.edu

Co-investigator: J. William Hug, Ph.D., Montana State University, Department of
Education, 118 Reid Hall, P.O. Box 172880, Bozeman, MT 59717-2880, phone: 406-994-
5953, fax: 406-994-3261, billhug@montana.edu

Project Abstract: The purpose of this evaluation is to provide formative feedback for
Yellowstone National Park (YNP) staff on the usability, effectiveness, and best
teaching practices of the Windows into Wonderland (WIW) electronic field trips on
middle school teachers and students. MSU cooperators will work with YNP staff to
identify the goals and objectives of the eTrip program, as well as acceptable measures
of success in order to design appropriate evaluation tools. As an example, if one
intended goal is to increase teacher knowledge of ecological concepts, this would
suggest the need for data gathering that assesses increased teacher knowledge.

Outcomes with Completion Dates: A printed evaluation report providing formative
feedback on the usability, effectiveness, and best teaching practices of the Windows
Into Wonderland (WIW) eTrips on middle school teachers and students. A second
component will be a review and revision of existing embedded evaluation documents.
Data collection and analysis instruments developed for this purpose will be
transferred to YNP for their ongoing use. An interim report must be submitted by
October 1, 2006 for inclusion in the annual project accomplishment report for FY '06.
Final products are due by March 30, 2007.

Keywords: evaluation, middle school education, electronic field trips, Montana State
University, Yellowstone NP

For Administrative Use Only:

Date Annual Report Received:
Date Final Report Received:
Publications, etc. on file: