



# DARTMOUTH MONTSHIRE INSTITUTE FOR SCIENCE EDUCATION



## PROJECT OVERVIEW

### College Students as Science Mentors in K-5 Classrooms

Project Details	
Funder	Howard Hughes Medical Institute
Lead Organization	Dartmouth College
Outreach budget	\$200,000
Total project budget	--
Project dates	9/1/06 - 8/31/10
Related Research Project	--

#### Principal Investigators and Project Staff

- ▶ Roger Sloboda, Scientific P.I., Department of Biology, Dartmouth College
- ▶ Greg DeFrancis, Outreach Science Education P.I., Montshire Museum of Science

#### Project Assessments and Reports

Assessment report on impact of program on Dartmouth students by Dr. Jane Korey - [Korey-HHMI-report.pdf](#) [104k]

Year Three Evaluation Report by Dr. Jane Korey - [Science-Camp-Report-2009\\_final.pdf](#) [1.3mB]

#### Project Summary

This four-year program trains and mentors Dartmouth students in techniques of science inquiry instruction and provides them with opportunities for teaching grades 3-5 in a rural school district. The project intent is to introduce Dartmouth students to methodologies of science instruction, improve their capacity and interest in science teaching, and expand the resources available for quality science education in local schools.

Eighteen undergraduate, graduate, and post-doctoral level students from Dartmouth were selected from a pool of approximately 80 applicants for the 2007 (first year) cadre. Evaluation reports of the Dartmouth student experience (details below) indicate the program dramatically increased their enthusiasm for teaching science and their deeper appreciation for the challenges of developing effective pedagogic strategies.

These photos were taken at several schools in the Rivendell School District in 2007 during a six-week science camp developed by Montshire educators and taught by Dartmouth students.

