



SAN JUAN MINI-GRANT PROGRAM

MSI awards Mini-Grants for research in the fields of physical, biological, social, economic & interdisciplinary science in the San Juan Mountain region, CO & NM, USA. Undergraduate and graduate students and recent graduates are eligible. www.mountainstudies.org

2008 Recipients

Julie Crawford, University of Pavia, Italy. Graduate Student

Multi-scale investigations of alpine species in northern hemisphere GLORIA target regions, \$750.

Michelle McCrackin, Arizona State University, Graduate Student

Denitrification in lake sediments across a gradient of nitrogen deposition, \$1,000.

Leisl Peterson, University of Colorado at Boulder, Graduate Student

Testing climate-related models of range contraction for the American Pika, \$2,231.

Melanie Bergolc, Bowling Green State University. Graduate Student.

Geology as a Possible Controlling Factor on Beetle Community Structure and Biodiversity in a Mountainous Environment. \$1,000.

2007 Recipients

Julie Crawford, University of Pavia, Italy. Graduate Student

Multi-scale investigations of alpine species in northern hemisphere GLORIA target regions, \$1,000.

Christy McCain, University of New Mexico, Postdoctoral Associate

Elevational diversity of small mammals in the San Juan Mountains: preliminary signals of climate change? \$2,500

Imtiaz Rangwala, Rutgers University, Graduate Student

Assessment of changes in the hydrological cycle in the San Juan Mountains due to the past and projected future climate changes in the region, \$2,500.

2006 Recipients

Melanie Bergolc, Bowling Green State University. Graduate Student.

Geology as a Possible Controlling Factor on Beetle Community Structure and Biodiversity in a Mountainous Environment. \$500.

Julie Crawford, University of Pavia, Italy. Graduate Student

Multi-Scale Investigations of Alpine Plant Species in the San Juan Mountains and other North American Regions (part of the Global Observation Research Initiative in Alpine Environments program to detect impacts of potential climate change), \$1,500.

Clinton Francis, University of Colorado, Boulder. Graduate Student.

Avian Nesting Behavioral Adjustments and Vocal Plasticity in Response to Anthropogenic Noise (Gas Well Compressors). \$1,000.

Zachry Guido, University of Colorado, Boulder & INSTAAR. Graduate Student.

Last Glacial Maximum Glacier Retreat Rates and the Timing of Terrace Formation in the Animas River Drainage, San Juan Mountains, Colorado. \$500.

2005 Recipients

Erica Bigio, University of Arizona. Graduate Student.

The integration of tree-ring and alluvial fan records of fire at the Missionary Ridge Fire, Durango, Colorado. \$300.

Mindy Conyers, Texas State University- San Marcos. Graduate Student.

Channel dynamics in the upper Animas River basin and the role of human agency. \$600.

Elizbieta Czyzowska, University of Arizona. Graduate Student.

Snow cover monitoring in the complex forested-alpine environment of the San Juan Mountains with Landsat and MODIS satellite imagery. \$2,100.

Marion Glaser, Colorado College. Undergraduate Student.

A new technique to restore alpine disturbances in the San Juan Mountains. \$405.

Kathy McBride, Northern Arizona University. Graduate Student.

The synoptic climatology of dust storms affecting the snow in the San Juan Mountains, Colorado, USA. \$950.

Estella Moore, Fort Lewis College. Undergraduate Student.

*Determining sulfate by turbidimetry in *Usnea cavernosa* on the Route of the Durango-Silverton Narrow Gage Railroad. \$400.*

Gerald Sgro, John Carroll University. Post-doctoral Associate.

Diatom species composition and ecology in the Upper Animas River. \$2,710.

Sara Simonson, Colorado State University. Recent Masters Student.

Pilot study on the disturbance ecology of snow avalanches near Silverton, Colorado. \$790.

Heidi Steltzer, Colorado State University. Post-doctoral Associate.

Do plant phenolic compounds increase nitrogen retention in the alpine tundra during snowmelt? \$1,965.

Shane Stradling, Fort Lewis College. Undergraduate Student.

An investigation of how dust deposition affects snowpack and snow albedo, Swamp Angel Site, San Juan County, CO. \$200.