NSF-REU UNDERGRADUATE RESEARCH OPPORTUNITIES, SUMMER 2013

With funding from the National Science Foundation Research Experiences for Undergraduate Programs (REU), the Keck Geology Consortium announces the following projects for SUMMER 2013 and encourages students to review the projects on our website: keckgeology.org. All project dates are tentative (please check website for updates). Application instructions are on the website.

APPLICATION DEADLINE: FEBRUARY 1st, 2013

Obsidian Provenance, New Mexico – Magnetic and Geochemical Characterization of In Situ Obsidian, New Mexico: Rob Sternberg (Franklin & Marshall College), Joshua Feinberg (Univ. Minnesota), Steven Shackley (Univ. California, Berkeley), Ellery Frahm (Univ. of Sheffield):
Dates: 12 June – 10 July 2011 (tentative)

Chugach Terrane, Alaska – Tectonic Evolution of the Flysch of the Chugach Terrane on Baranof Island, Alaska: John Garver (Union College), Cameron Davidson (Carleton College), 15 Jun-12 July (tentative)

Extreme Weather Geomorphology - Evaluating Extreme Weather Response in Connecticut River Floodplain Environment: Robert Newton (Smith College), Anna Martini (Amherst College), Jon Woodruff (Univ. Massachusetts, Amherst), 1 July-26 July (tentative)

Geobiology of Dolomite Formation – A Geobiological Approach to Understanding Dolomite Formation at Deep Springs Lake, CA: Jason Tor (Hampshire College), David Jones (Amherst College), 15 June-13 July (tentative)

GIS Approach to Water-Level Change – Potential Effects of Water-Level Changes on Island Ecosystems: A GIS Spatiotemporal Analysis of Shoreline Configuration: Kim Diver (Wesleyan Univ.), 10 July-7 August (tentative)

Martian Pāhoehoe Lava – Pāhoehoe Lava on Mars and the Earth: A Comparative Study of Inflated and Disrupted Flows: Andrew de Wet (Franklin & Marshall College), Chris Hamilton (Univ. Maryland), Jacob Bleacher (NASA, GSFC), 8 July-5 August (tentative)


Climate Change, Svalbard – Holocene and Modern Climate Change in the High Arctic, Svalbard Norway: Al Werner (Mt. Holyoke College ), Steve Roof (Hampshire College), Mike Retelle, (Bates College), 10 July to 10 August (tentative)

~30% of student participants will be from non-Keck Geology Consortium Institutions
The Keck Geology Consortium encourages applications from students from groups underrepresented in the Earth Sciences (website: keckgeology.org)