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Amherst College

Beloit College

Carleton College

Colgate University

The College of Wooster

The Colorado College

Franklin & Marshall
College

Mt Holyoke College

Macalester College

Oberlin College

Pomona College

Smith College

Trinity University

Union College

Washington and Lee
University

Wesleyan University

Whitman College

Williams College

NSF-REU UNDERGRADUATE RESEARCH OPPORTUNITIES, SUMMER 2017

The Keck Geology Consortium announces the following projects for SUMMER 2017 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 15th, 2017

Gateway Research Projects: The Gateway project is specifically designed for first and second year students, especially those from underrepresented minority groups, interested in the Geosciences. This program focuses on authentic research experiences and exploration of the discipline and its intersections with socially relevant issues.

2017-2018 Gateway Project: [*Exploring Geochronology: Dating Young Lava Flows and Old Trees in Decline*](#): Meagen Pollock & Greg Wiles (The College of Wooster), 9 Students, Project Dates: mid-June to late July.

Focused and Frontier Research Projects: Focused and Frontier research projects are designed for rising Junior and Senior declared science majors who are looking for a year-long authentic research experience in the Geosciences. These projects include a collaborative summer field or laboratory experience followed by an entire academic year of deeper questioning, data collection, analysis, and dissemination.

2017-2018 Focused Project: [*Unraveling Antarctic Ice Sheet Dynamics Viewed though a Marine Depth Transect near the South Orkney Microcontinent, Weddell Sea*](#), Suzanne O'Connell (Wesleyan University), 4 Students, Project Dates TBA

2017-2018 Frontier Project: [*Hazards in the Caribbean: The history of magma chambers, eruptions, landslides, streams, and fumaroles in Dominica*](#): Holli Frey (Union College), Erousilla Joseph (University of West Indies Seismic Research Center), Amanda Schmidt (Oberlin College), Laura Waters (Smithsonian Institute), 16 students, Project Dates: June 11-June 25 (Dominica); June 26 – July 7 (Union College)

The Keck Geology Consortium encourages applications from students from groups underrepresented in the Earth Sciences (website: keckgeology.org)