

## NSF-REU UNDERGRADUATE RESEARCH OPPORTUNITIES SUMMER 2024

The Keck Geology Consortium REU announces paid research internships during SUMMER 2024. Interested students are encouraged to explore the exciting project opportunities on our website: [keckgeology.org](http://keckgeology.org). See website for application information.

**Completed Applications Due: 15 FEBRUARY 2024**

### 2024 Gateway Research Projects

(for rising sophomores interested in exploring opportunities in science)

#### **A SYNOPTIC SURVEY OF SPRINGS IN THE DRIFTLESS AREA OF MINNESOTA TO IDENTIFY SPATIAL PATTERNS IN GROUNDWATER QUALITY**

Dr. Chloé Fandel (Carleton College); 5 students; 29 July – 30 August 30, 2024  
(Dates approximate and to be adjusted to accommodate students' academic schedules)

#### **NATURE VS. NURTURE AT CORAL GARDENS REEF: A RAPID RESPONSE INVESTIGATION OF ENDANGERED ACROPORA SP. CORALS IN BELIZE**

Dr. Lisa Greer (Washington and Lee University) and Dr. Karl Wirth (Macalester College); 10 students; 13 June 18 July 2024

#### **ANTHROPOCENE ENVIRONMENTAL CHANGE IN GLACIER NATIONAL PARK, MONTANA**

Dr. Kelly MacGregor (Macalester College); 5 students; 24 June – 26 July 2024

#### **INVESTIGATING LINKAGES BETWEEN GEOLOGIC HISTORIES, EOLIAN DUST PRODUCTION, AND CLIMATE CHANGE**

Dr. Sarah Schanz and Dr. Michelle Gevedon (Colorado College); 10 students; 17 June – 19 July 2024

### 2024-25 Advanced Research Project

(for rising seniors majoring in the earth sciences)

#### **STRUCTURAL EVOLUTION OF A SEGMENTED NORMAL FAULT TRANSFER ZONE, SEVIER FAULT, SOUTHERN UTAH**

Dr. Ben Surpress (Trinity University); 5 students; 18 June – 16 July 2024

Keck Geology Consortium seeks applicants from a wide range of experiences, perspectives, and backgrounds. Participants must be U.S. citizens or green card holders. For additional information, see [keckgeology.org](http://keckgeology.org) or contact us at [info@keckgeology.org](mailto:info@keckgeology.org)