

Arctic REU Greenland – 2024 Undergraduate Research in Geology!



Arctic REU Greenland is an NSF Research Experiences for Undergraduates (REU) site led by Concord University (West Virginia) and Montana State University. The REU is focused on field problems including (1) geologic mapping in Precambrian metamorphic rocks integrating structural geology and earthquake geodynamics; (2) field studies of environmental change from lake core sediments near the margin of the ice sheet; (3) geomicrobiology of glacial lakes; and (4) field measurements of albedo on the edge of the ice sheet. Students will spend 3 weeks at a field site on the west coast of Greenland near the margin of the inland ice sheet. The REU also includes 5 weeks of laboratory

research at Concord or Montana State on your collected samples.

Travel expenses to the program and full logistical support for fieldwork in Greenland will be provided. Room and board during lab research in the U.S. are also fully covered. Students will receive stipends of up to \$5800.

Applicants should be undergraduates with a planned date of graduation no earlier than December, 2024. Ideally, applicants should be geology/geoscience majors. Coursework in mineralogy, structural geology, and/or field geology or field methods is useful but optional. NSF requires REU participants to be US citizens or permanent residents. Because of the start time in late June, students completing a geology field camp early in the summer might be able to attend this REU.

We encourage applications from first-generation students, Veterans, PELL-eligible students, and members of under-represented groups.



REU website: <https://www.arcticreu.earth>
Application deadline: February 12, 2024
REU Summer Dates: June 19-Aug 8, 2024
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