

David L Nieland

Subject: Polar Science Opportunities for High School Students

Call for High School Applicants - Joint Science Education Project (JSEP) and Joint Antarctic School Expedition (JASE)

Application deadline: 31 January 2016

For more information or to apply, please go to:

<https://dickey.dartmouth.edu/environment/programs>

High school juniors are invited to apply for two NSF-supported polar science programs: Joint Science Education Project (JSEP) to Greenland & Joint Antarctic School Expedition (JASE) to King George Island.

The three-week JSEP program takes place entirely in Greenland. Participants from the United States, Denmark, and Greenland live and work together while exploring current research and completing their own inquiry-based investigations. The program includes two weeks of extensive field experiences in tundra ecosystems of Kangerlussuaq and a final week with a visit to Summit Station, the U.S. research facility located at the top of the Greenland ice sheet.

The 1-2 week JASE program takes place in King George Island, Antarctica and Punta Arenas, Chile. Students from the United States join a Chilean high school expedition to Escudero Station on King George Island. The program includes visits to international research stations and field sites in Antarctica as well as the Chilean Antarctic Institute in the Patagonia region of Chile.

Both programs provide an opportunity for students connect with polar scientists as they conduct research in a wide variety of fields including biology, geology, climatology, chemistry, and engineering. Students also have significant hands-on experiences in field research under the guidance of professional teachers from the participating nations.

JSEP and JASE are open to U.S. citizens or permanent residents in the 11th grade at the time of application. Students may apply for one or both programs using the same application. JASE participants must be fluent in Spanish. NSF's Division of Polar Programs covers all participant costs, such as food, transportation, lodging, and instruction for students selected to participate.

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