



Kangerlussuaq Airport, Greenland

Greenland Field Seminar

The integrating experience of the IGERT traineeship is the Greenland Field Seminar. Students study terrestrial and aquatic ecosystems near Kangerlussuaq, snow and ice cryosphere processes on the Greenland ice sheet at Summit Camp, and environmental policy and science communication in Nuuk, the capital of Greenland.

The Dartmouth IGERT is administered by the Institute of Arctic Studies at the Dickey Center for International Understanding, whose close academic and research ties with Greenlandic institutions and international partners offers students exceptional field training and research options.

In addition, IGERT's partnership with Dartmouth's Native American Studies program provides opportunities for in-depth interdisciplinary study and research related to indigenous peoples.

How to Apply

Visit the Dartmouth IGERT website to learn about the research interests of IGERT faculty. Then identify a participating PhD program and apply using the Graduate Studies online application at www.dartmouth.edu/~gradstdy. You must also contact the IGERT Program for a supplemental IGERT application.

For more information contact:

IGERT Program in Polar Environmental Change
The Institute of Arctic Studies
The Dickey Center for International Understanding
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Brochure design | Tina Nadeau | DPMS



IGERT faculty and students on the Greenland ice sheet

POLAR

ENVIRONMENTAL CHANGE

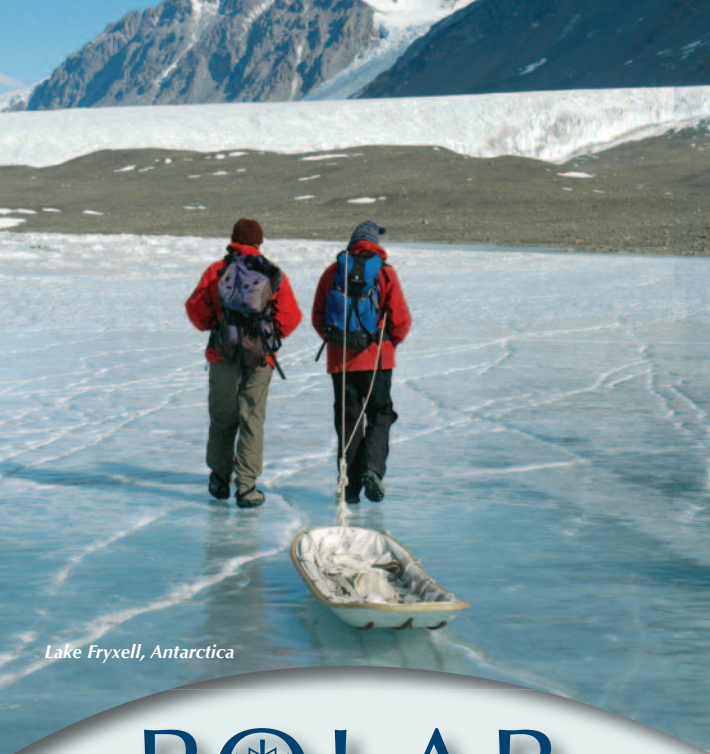


IGERT

INTEGRATIVE GRADUATE
EDUCATION & RESEARCH
TRAINEESHIP

DARTMOUTH COLLEGE | HANOVER, NH

www.dartmouth.edu/~igert/



Lake Fryxell, Antarctica

POLAR

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What is IGERT?

The Integrative Graduate Education and Research Traineeship (IGERT) program is an innovative approach developed by the National Science Foundation that prepares scientists and engineers to effectively address global issues from an interdisciplinary perspective. Students develop research that crosses the boundaries of traditional disciplines and addresses real-world issues.

Prospective IGERT students should be at or near the start of their doctoral studies. The program provides a fellowship of \$30,000 per year for up to two years. IGERT is open to U.S. citizens or permanent residents.

Polar scientists are at the forefront of research into the large and rapid environmental changes taking place worldwide. A new generation of environmental scientists and engineers who understand the global dimensions of Arctic and Antarctic science are needed to address these challenges. The Dartmouth IGERT is seeking students who are committed to a core curriculum based in interdisciplinary science and engineering, and have an interest in the human dimensions of climate change.

Academic Program

Dartmouth graduate programs participating in IGERT include Engineering, Earth Sciences, and Ecology and Evolutionary Biology. IGERT students complete a core curriculum that integrates departmental graduate requirements with an interdisciplinary framework for studying polar environmental change.



Dr. Jill Mikucki, Antarctica



Nuuk, Greenland

Research and Training

IGERT mentors have broad expertise in Arctic and Antarctic science and engineering. The Arctic has emerged as an ideal training ground for students to learn about and experience the interaction of science with policy and the ethics of conducting research with indigenous peoples.

Other activities include a seminar series in polar science and policy, an annual symposium, IGERT network activities, international research opportunities, training in science communication and ethics, and research proposal preparation.