



ABOUT ARCUS

The Arctic Research Consortium of the U.S. (ARCUS), based in Fairbanks, Alaska, was formed in 1988 as a nonprofit member consortium of educational and scientific institutions that have a substantial commitment to arctic research. ARCUS facilitates discussion of important arctic research initiatives, produces science reports with research community recommendations for arctic science priorities, and distributes information resources to the arctic research community. ARCUS activities are funded through member dues and contracts and grants with federal and private entities.



EDUCATION

ARCUS offers educational opportunities and information resources to support advancement of knowledge and understanding of the Arctic. The Arctic is a naturally engaging environment, and ARCUS programs serve as a gateway to this fascinating region:

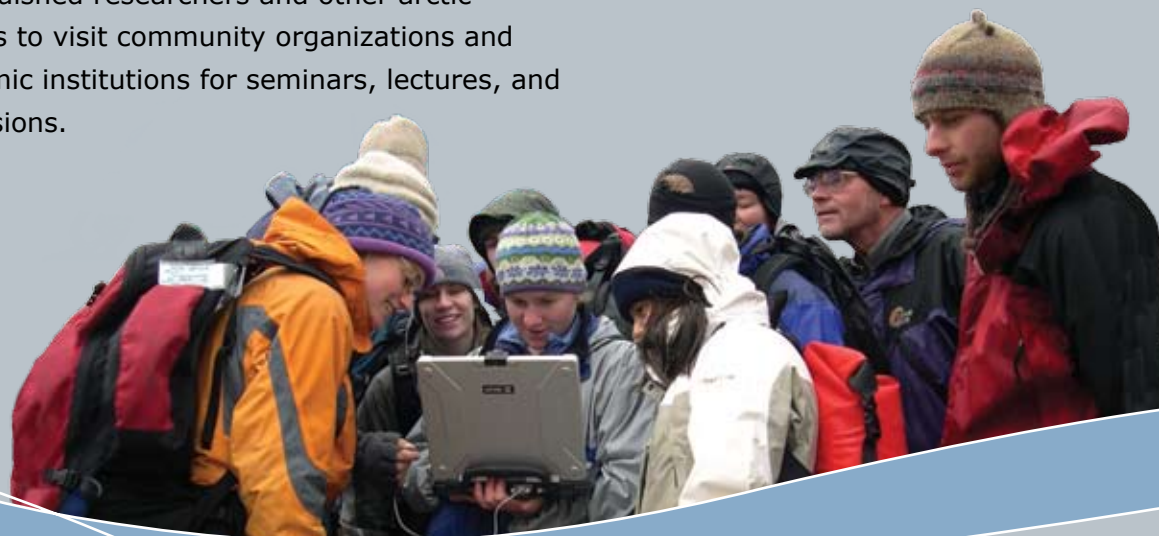
- Teachers and Researchers Exploring and Collaborating (TREC) program pairs K-12 teachers with researchers to participate in arctic field projects.
- Arctic Alive! connects students virtually with field research in the Arctic.
- Arctic Visiting Speakers' Series sponsors distinguished researchers and other arctic experts to visit community organizations and academic institutions for seminars, lectures, and discussions.



SCIENCE PLANNING

ARCUS facilitates scientific planning for arctic research by working with the science community through workshops, surveys, and other forums to define science priorities and research initiatives.

ARCUS also provides community science management for integrated interdisciplinary arctic research programs through information and meeting coordination, website development and maintenance, report and science plan production, and other outreach activities.



INFORMATION AND OUTREACH

ARCUS provides information and outreach resources to facilitate arctic research efforts and collaboration, including:

- ArcticInfo E-mail Listserve provides information about funding opportunities, important events, publications, position announcements, and other useful news.
- *Witness the Arctic* is a newsletter on current arctic research efforts and findings, significant research initiatives, national policy affecting arctic research, international activities, and arctic research efforts at major research institutions.
- Directory of Arctic Researchers contains contact information and current research for individual arctic researchers.
- Arctic Forum is a symposium on current science activities, policy issues, and education that connects researchers, funding agencies, and the public.



PHOTO CREDITS

Cover: Participants in the NSF Research Experience for Undergraduates (REU) program hike across a glacier in Svalbard, Norway. By Sandra Geisbush, 2004 TREC teacher.

Black spruce trees near Fairbanks, Alaska.
By Birte Horn-Hanssen.

Inside Top (Left to Right): Bow of the Canadian icebreaker *Louis S. St. Laurent* in Baffin Bay. Courtesy of Chris Measures.

Amy Clapp, 2004 and 2005 TREC teacher, and her students at Salisbury Community School in Vermont present posters on watersheds. Courtesy of Amy Clapp.

Inside Bottom (Left to Right): Max Holmes and Noel Andre in Tsiigehtchic, Canada. By Amy Clapp.

Kimberly Davis and Kirstin Skadberg remove an Infrared Gas Analyzer, which measures carbon dioxide and water vapor in the air, from a tower in Barrow, Alaska. By Misty Nikula-Ohlsen, 2004 TREC teacher.

REU students gather around the computer to see weather data collected at a station in Svalbard, Norway. By Sandra Geisbush.

Peter Ray points out flower species that should be counted in a tundra plot at Toolik Field Station, Alaska. By Tom Crumrine, 2005 TREC teacher.

Child at the Nalukataq Festival in Barrow, Alaska.
By Kimberly Davis.

ARCTIC RESEARCH CONSORTIUM OF THE U.S.

Advocacy

Planning

Coordination

Outreach . . .



*Advancing understanding
of the Arctic and sharing
knowledge through planning,
coordination, and outreach.*

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