

Welcome to The Arctic in the Classroom and the Arctic Research Consortium of the United States (ARCUS)

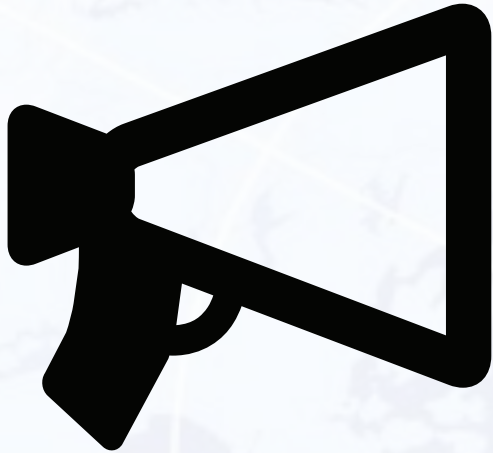
Robert H. Rich, Ph.D., CAE, Executive Director

Let's Make a Difference!



ARCUS: More than 25 Years of Connecting Arctic Research

What Does “Connecting Arctic Research” Mean?



- **Communication**

- **Coordination**



- **Collaboration**



Communication: Electronic

ArcticInfo

Community job, meeting, and resource announcements

More than 6,000 subscribers – **You could be one**

Witness the Arctic

Publication issued 3 times per year

More than 12,000 subscribers – **You could be one**

Directory of Arctic Researchers

Online resource for scientific contacts and collaborators

Contains more than 4,000 individuals

Arctic Calendar

Community events schedule

Over 60 events currently posted

Other ARCUS Communication Vehicles

Twitter: @ArcticResearch

Polar Education Email List, Web-Based Resources, Images, Videos

You can subscribe and explore



Communication: Meetings

Arctic Science Summit Week / Arctic Observing Summit

- **ARCUS/NAS PRB/USARC Joint Exhibit Booth (through Wednesday)**
- **ARCUS/SEARCH Posters and White Papers at AOS**
- **Spring Equinox 5K Run/Walk to benefit PEI (Saturday)**

Arctic Research D.C. Seminar/Webinar Series

Bringing the latest, most significant Arctic research results to the D.C. community and the world:

- **January 15 – Dr. Julie Brigham-Grette**
- **February 18 – Dr. Jennifer Francis**
- **March 31 – Dr. Jeremy Mathis**
- **April 28 – Dr. Ted Schuur**
- **Sign up to participate at www.arcus.org/research-seminar-series**

American Geophysical Union Fall Meeting

- **Community meeting rooms**
- **Science Exploration Station**

Photo by ARCUS staff.

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Communication: Informal Meetings and Conversations:

At ARCUS, we work to:

- Promote communication, coordination, and collaboration
- Apply resources to advance the research
- Connect organizations, individuals, and activities
- Inform participants about other related activities
- Trigger creativity and innovation
- Support IARPC awareness, capacity to engage
- Help in outreach and education
- Understand concerns and challenges, bring other resources to bear
- **Make an Impact alumni will be part of the ARCUS network**

Bottom Line: The community is often fragmented and ARCUS can provide connections across boundaries.

Coordination

- **The Arctic in the Classroom**
 - Connecting Arctic Researchers, Alaskan Communities, and Educators
- **NSF Risk/Safety Summit Workshops and Report**
 - You can read the recent report online
- **Interagency Arctic Research Policy Committee (IARPC)**
 - ARCUS hosted and supported IARPC Team Leaders strategy update meeting and IASC/IARPC meetings in December
 - ARCUS/IARPC developing new collaborative webinar series
 - ARCUS encouraging community engagement through IARPC Collaborations
- **Arctic Observing Network (AON)**



Collaboration: Study of Environmental Arctic Change (SEARCH)

- Generates and synthesizes research findings
- Identifies emerging issues in Arctic environmental change.
- Provides scientific information to Arctic stakeholders
- Facilitates research activities, with an emphasis on addressing needs of decision-makers.
- Collaborates with national and international science programs integral to SEARCH goals.
- Regularly solicits research community input
- SEARCH Focus areas:
 1. Land Ice
 2. Permafrost
 3. Sea Ice
 4. Observing Arctic Change
 5. Scenario Planning

Photo by Ute Kaden (TREC 2005)

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Collaboration: Sea Ice Prediction Network

Sea Ice Outlook & Sea Ice for Walrus Outlook



Photo by Cristina Galvan (PolarTREC 2009)

- Ever-increasing record numbers of submissions each month to Sea Ice Outlook
- Webinar on stakeholder needs and priorities for sea ice prediction
- Post-season reports, peer-reviewed article prepared

- Season is completed for SIWO
- SIWO review article developed



Photo by Dave Withrow, Courtesy of Robyn Staup (PolarTREC 2007)



Collaboration

POLAR TREC
TEACHERS AND RESEARCHERS EXPLORING AND COLLABORATING

About Virtual Base Camp PolarConnect Newsroom For Teachers For Researchers Resources En Español

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About PolarTREC

PolarTREC (Teachers and Researchers Exploring and Collaborating) is a program in which K-12 teachers spend 3-6 weeks participating in hands-on field research experiences in the polar regions. The goal of PolarTREC is to invigorate polar science education and understanding by bringing K-12 educators and polar researchers together.

Program Development

PolarTREC (2010-2013) was developed based on the strengths of the past PolarTREC (2007-2009) and TREC programs, as well as other teacher research experience (TRE's) programs.

Built on the successes of the previous three-year program and adapted to further meet diverse participant needs, PolarTREC is a multi-year project with four major categories of interrelated activities making up the PolarTREC Teacher Research Experience Model.

PolarTREC teacher Nikki Ansell at Summit, Greenland



ARCUS Team



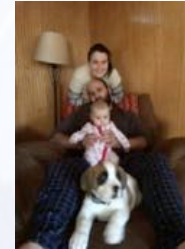
TERRI ATKINS
Accounting Clerk
2014



SARAH BARTHOLOW
Project Manager-2011



ADA BOWER
Business Manager
2008



LIZ BOWMAN
Executive/Program Assistant
2015



KRISTINA CREEK
Director, Community
Development - 2008



JUDY FAHNESTOCK
Project Assistant-2008



BRIT MYERS
Project Manager
2015



RONNIE OWENS
Web Developer
2004



JOED POLLY
Video/Online Media
2001



ZEB POLLY
Systems
Administrator-2000



ROBERT RICH
Executive Director
2015



LISA SHEFFIELD-GUY
Project Manager
2015



BETSY TURNER-BOGREN
Project Manager
2010



JANET WARBURTON
Project Manager
2000



HELEN WIGGINS
Director of Programs
2003

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*What else do you want to know
about ARCUS?*

*How else can we help you to
connect?*

www.arcus.org

*ARCUS is a catalyst for interdisciplinary thinking, acting,
and education leading to the development of highly
collaborative partnerships.*

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