Welcome to the 23rd ARCUS Annual Meeting & Council Forum

Monday, 23 May 2011
Slides will be shown here.

If using VOIP, press and hold here to talk.

Your connection strength.

‘Chat’ with one person or the entire group.

Raise your hand to ask a question.

List of all participants.

Return to the lobby or exit.

Please note:
- Participants using the telephone can mute/unmute by pressing *6 on the phone.
- Today’s event will be recorded and archived.
Agenda Outline

• Welcome and Introductions

• Business Meeting
  • Board Member Election Results
  • Recognition of Outgoing Board Members
  • Annual Report

• Council Forum Discussion
Board Member Election

• Board Nominees:
  • Seat 9: John Tichotsky, Alaska Cambridge Group
  • Seat 10: Hans Verlinde, Pennsylvania State University
  • Seat 11: Richard Coffin, Naval Research Laboratory
  • Seat 12: Jay Gulledge, Pew Center on Global Climate Change

• Electronic voting process complete; nominees were approved by Council
Outgoing Board Members

We would like to thank:

Bill Manley and Craig Tweedie

For their dedicated service to ARCUS.
Annual Report of the Corporation

- Vera Alexander, Board President
- Helen Wiggins, Director of Programs
- Ada Bower, General Manager
Presentation Outline

1. ARCUS Staff
2. Community Science Planning
3. Information and Outreach
4. PolarTREC
Staff

ADA BOWER
Business Manager

KRISTINA CREEK
Executive Coordinator

JUDY FAHNESTOCK
Project Assistant

SUSAN FOX
Executive Director

JULIE GRISWOLD
Meetings Manager

RONNIE OWENS
Web Developer

JOED POLLY
Video/Online Media

ZEB POLLY
Systems Administrator

JONATHAN PUNDSACK
Project Manager

CHARLOTTE RILL
Accountant

REIJA SHNORO
Project Manager

KRISTIN TIMM
Project Manager

BETSY TURNER-BOGREN
Project Manager

JANET WARBURTON
Project Manager

HELEN WIGGINS
Director of Programs
Community Science Planning

- Study of Environmental Arctic Change (SEARCH)
  - Strategic Planning
    - Began in 2010 as a result of memo from ARCUS to NSF
    - SSC has drafted Vision & Mission - focused on providing a scientific foundation to help society understand and respond to a changing Arctic
    - 5-year science goals to be developed at August Science Steering Committee meeting, then implementation plan
  - Sea Ice Outlook & Sea Ice for Walrus Outlook
    - Recently launched the 2011 season for both projects
    - User survey completed for Sea Ice Outlook
  - Arctic Observing Network
    - Planning for a 2012 Arctic Observing Summit
  - Understanding Arctic Change Task Force
    - Report to be released this spring
  - International Coordination
    - May workshop with high-level international representatives
Community Science Planning (II)

- **State of the Arctic Conference Final Products**
  - Resolution with key recommendations released last fall
  - DVD with resolution, summary report, posters, abstracts, video, and presentations – in production
  - 2 conference summary papers in review in *Ambio*
  - Brochure for policy-makers – summer
  - All products online (http://soa.arcus.org/products-and-resources)

- **Western Alaska Landscape Conservation Cooperative** (http://www.arcus.org/western-alaska-lcc)
  - Series of local community meetings fall 2010
  - Science workshop in April, report out this fall

- **Canada-US Oil & Gas Research Forum**
  - Developing products - summer

- **Product Compilations/Project Websites**
Information and Outreach

- **ArcticInfo** — Over 6,700 subscribers

- **Arctic Visiting Speakers Series** — Tours in 2010 reached 800 audience members (elementary/middle/high school students, universities, public)

- **Witness the Arctic** — Online issues 3x/year; reader survey planned for summer and will be seeking your input

- **Other**
  - Website (over 273,000 page views/66,000 unique visitors in 2010)
  - Arctic Calendar
  - Directory of Arctic Researchers
  - Internet Media Archive
  - AGU Community Meeting Room
PolarTREC Program Highlights

2007-2011
What is PolarTREC?

Teachers & Researchers Exploring & Collaborating

PolarTREC is a professional development experience in which K-12 teachers are paired with researchers for 2-8 week authentic polar research experiences. In the field, teachers become actively involved in research with the intent to better understand the process of science and carry that understanding into the classroom.
# International Polar Year Award (2007-2009)

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<th>Total Teachers</th>
<th>Arctic</th>
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<td>19</td>
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<td>9</td>
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<tr>
<td>2009-2010</td>
<td>18</td>
<td>13</td>
<td>5</td>
</tr>
<tr>
<td>TOTALS</td>
<td>51</td>
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Our goal for this award was to support 36 teachers over 3 years.
### Office of Polar Programs Award (2010-2014)

<table>
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<th>Year</th>
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<th>Arctic</th>
<th>Antarctic</th>
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<td>2013-2014</td>
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<tr>
<td><strong>TOTALS (To Date)</strong></td>
<td><strong>28</strong></td>
<td><strong>17</strong></td>
<td><strong>11</strong></td>
</tr>
</tbody>
</table>

Our goal for this award is to support 48 teachers over 4 years.
79 Total Participants To Date

- High School (42%)
- Middle School (39%)
- Elementary (5%)
- Informal Educators (5%)
- Community College (2%)
- Einstein Fellows (7%)*

* Support for Einstein Fellows was through NSF and ARCUS CA.
Outreach Highlights

- **Over 60 lesson plans** developed as a result of the research experiences and posted online to Learning Resources Database for public use.

- **Alumni have presented at hundreds of major conferences and workshops** including American of Geophysical Union, SACNAS, National Science Teachers Association, and Geological Society of America.

- 10 program alumni presented at the **IPY Oslo Conference**.

- PolarTREC teachers Juan Botella and Lollie Garay have been posting **journals in Spanish**.

- **Nearly 20,000 participants** have joined live from the field (Live from IPY & PolarConnect) events (Dec. 2006-present).
Publications

- *Breaking Ice, Building Knowledge: The Benefits of Ship-Based Teacher Research Experiences; The Earth Scientist, Vol. XXV1, Issue1, Spring 2010.*


- Currently working on a peer reviewed journal article about field-based teacher research experiences with several additional like program managers.
Host a Teacher!

- Researcher Application available August – October 2011
- Researchers & Teams Interview & Select
- All Teacher’s Field Expenses Covered
- www.polartrec.com/researchers/why-host-a-teacher

Questions:
info@polartrec.com
Thank You!

Questions?

www.arcus.org

Advancing understanding of the Arctic through planning, coordination, education, and outreach
YEAR ENDED
30 September 2010

- State of the Arctic - $900,000 budget
- Basic Budget with supplements
- Accountability & Transparency
REVENUE BY SOURCE
FYE SEPTEMBER 2010
Revenue by Source
October 2009 - September 2010

- NSF Cooperative Agreement (83%)
- NSF PolarTREC (16%)
- ARCUS Unrestricted Funds (1%)
- Other
Audit
YEAR ENDED
30 September 2010

- Direct Expenses by Activity Category
- Unrestricted Fund Balance
Direct Expenses by Activity Category
October 2009 - September 2010
ALL SOURCES

- Outreach and information = 29%
- Arctic Logistics = 57%
- Core Support = 9%
- U.S. Arctic science support = 3%
- Arctic science education = 2%
ARCUS Unrestricted Fund Balance
1 October 2000 - 30 September 2010
Arctic Research Consortium of the United States

2011

NSF Cooperative Agreement
PolarTREC
Other contracts
Questions?
Other Business

• Other member business, as needed
Council Forum Discussion

- What are the emerging issues to be addressed by scientific research?
- How can ARCUS serve to expedite participation in these issues on behalf of member institutions?
Thank You!

Kronebreen glacier, Svalbard, Norway. Photo by Jan-Gunnar Winther