
Welcome to the 23rd ARCUS Annual Meeting & Council Forum

Monday, 23 May 2011





WELCOME TO WIMBA



ARCTIC RESEARCH CONSORTIUM OF THE UNITED STATES

Raise your hand to ask a question

List of all participants

Return to the lobby or exit

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

The screenshot shows the Wimba interface with several elements circled in red:

- A green bar chart icon representing connection strength.
- A button labeled 'TALK'.
- A chat input field containing the text: "You say, 'I'm going to change the slide momentarily- to show the one I need for my new screen shot'"
- A hand icon in the bottom toolbar.
- A menu labeled 'Exit - Lobby - Help' in the top right corner.

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





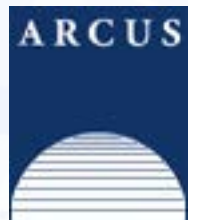
ARCUS Program Highlights

Helen V. Wiggins, Director of Programs
2011 Annual Meeting: Annual Report Presentation



Presentation Outline

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



Staff



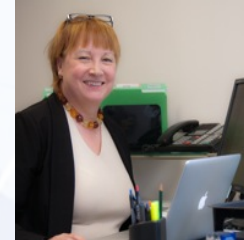
ADA BOWER
Business Manager



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



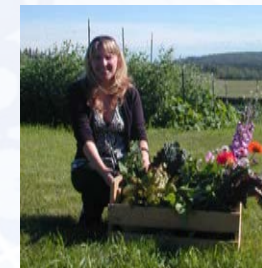
KRISTIN TIMM
Project Manager



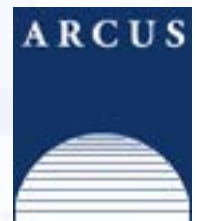
BETSY TURNER-BOGREN
Project Manager



JANET WARBURTON
Project Manager



HELEN WIGGINS
Director of Programs



Community Science Planning (I)

- **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**

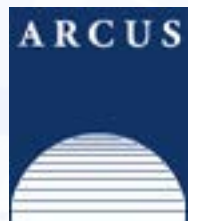
- Planning for a 2012 Arctic Observing Summit

- **Understanding Arctic Change Task Force**

- Report to be released this spring

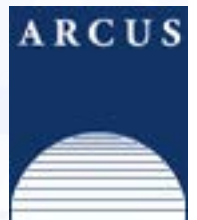
- **International Coordination**

- May workshop with high-level international representatives



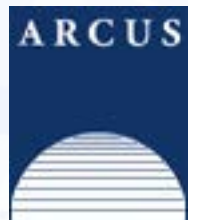
Community Science Planning (II)

- **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



ARCUS



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)

Year	Total Teachers	Arctic	Antarctic
2007-2008	19	10	9
2008-2009	14	9	5
2009-2010	18	13	5
TOTALS	51	32	19

Our goal for this award was to support 36 teachers over 3 years.



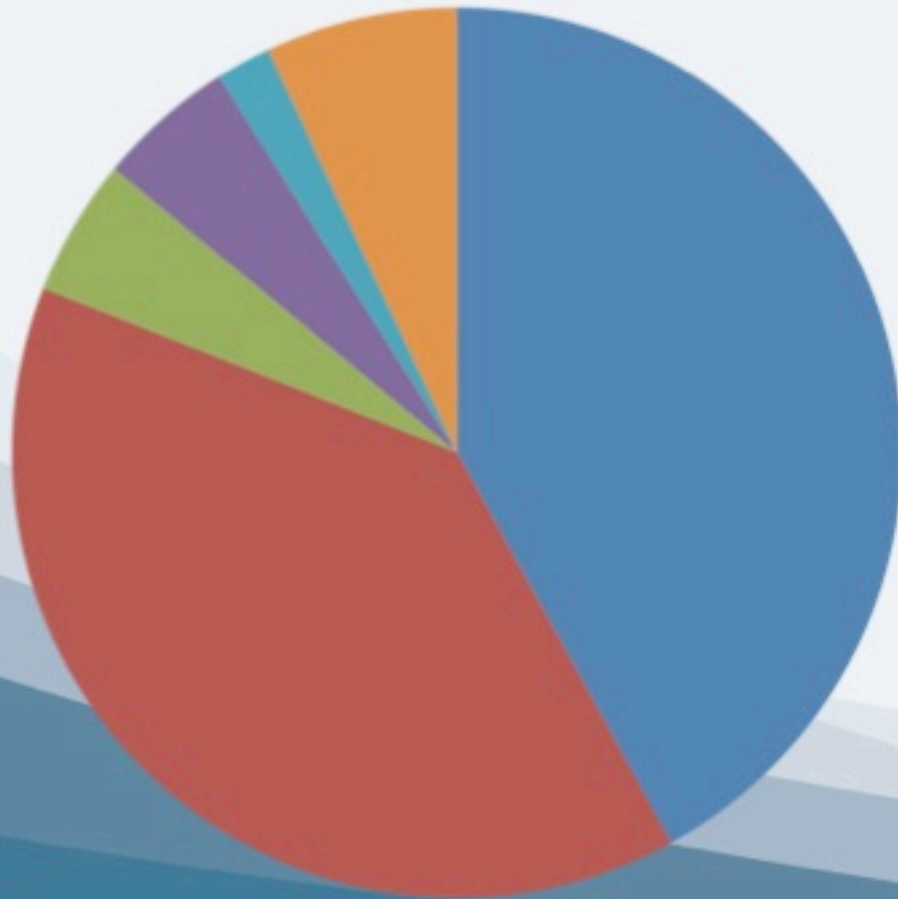
Office of Polar Programs Award (2010-2014)

Year	Total Teachers	Arctic	Antarctic
2010-2011	14	10	4
2011-2012	14	7	7
2012-2013			
2013-2014			
TOTALS (To Date)	28	17	11

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, Issue 1, Spring 2010.
- *Using Interdisciplinary Polar Research to Enrich Teachers and Classrooms*. *SACNAS News*, Winter/Spring Issue, 2009.
- *Chapter 2: Tips and Tricks for Science Presentations*. *Polar Science and Global Climate: An International Resource for Education and Outreach*.
- 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



ARCUS

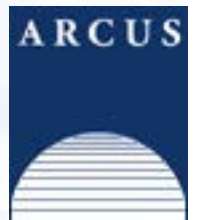


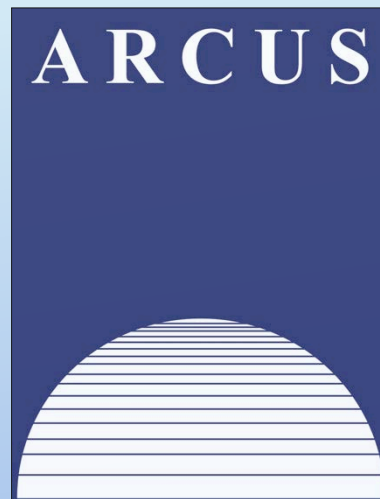
Thank You!

Questions?

www.arcus.org

*Advancing understanding of the Arctic through
planning, coordination, education, and outreach*





Arctic Research Consortium of the United States

FINANCE PRESENTATION

23 May 2011

YEAR ENDED

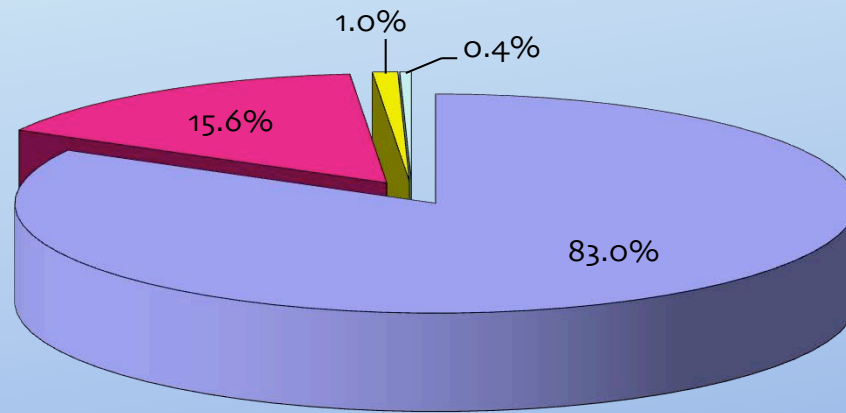
30 September 2010

- 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

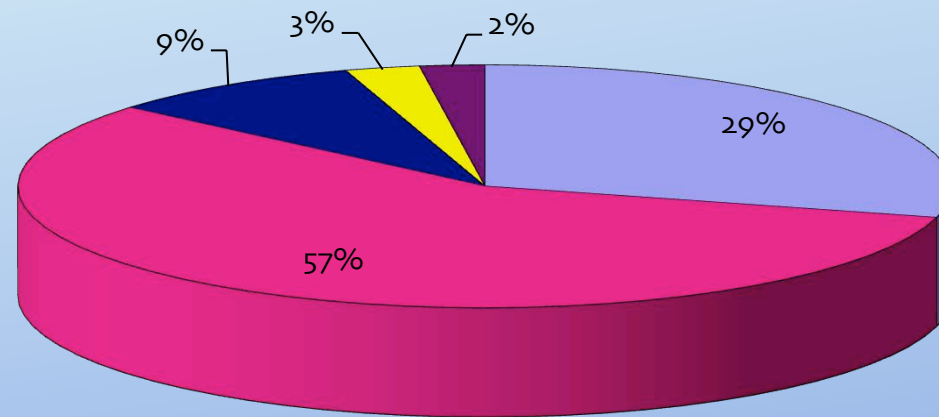
YEAR ENDED

30 September 2010

- Direct Expenses by Activity Category
- Unrestricted Fund Balance

Direct Expenses by Activity Category

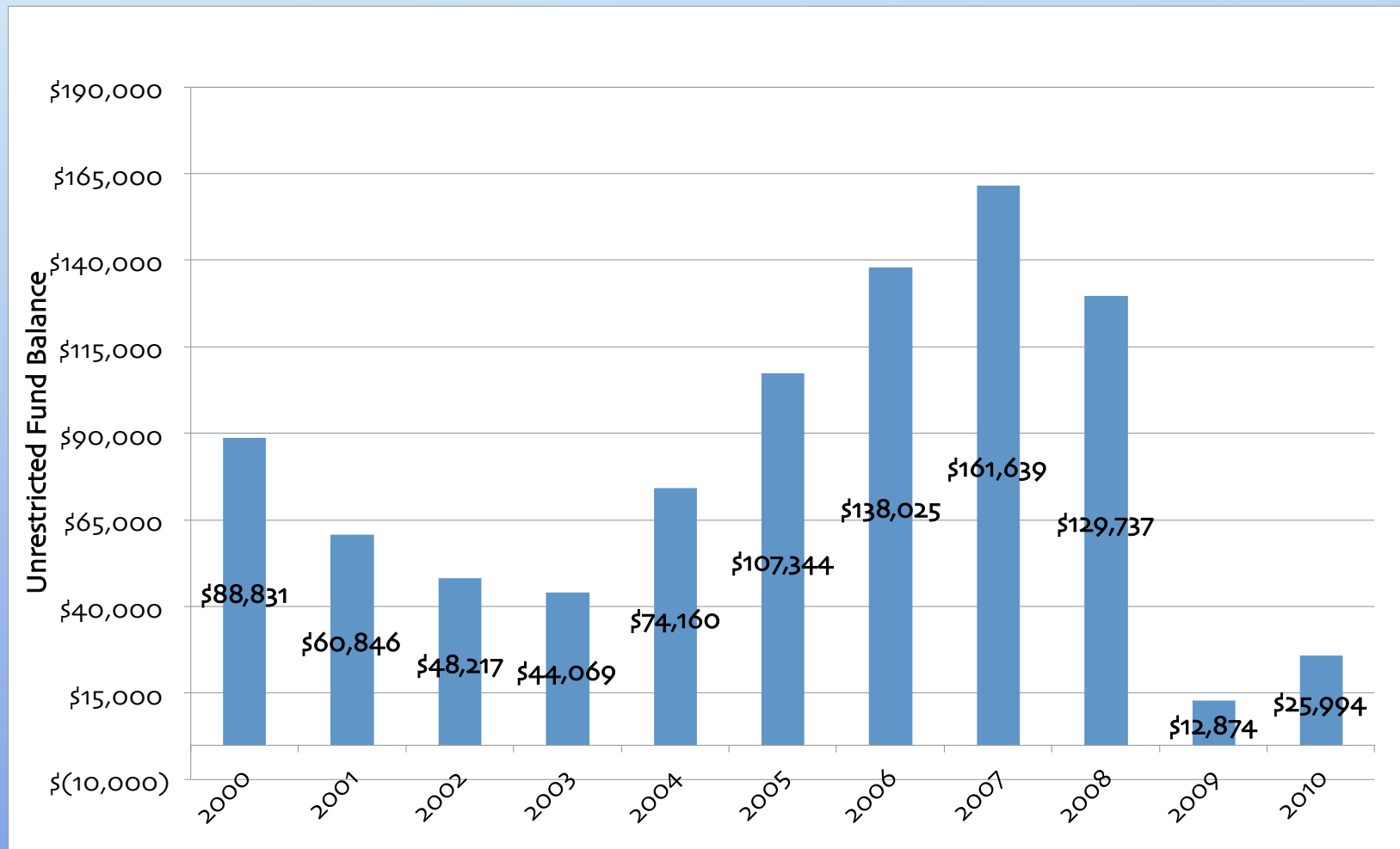
October 2009 - September 2010
ALL SOURCES



- 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

Arctic Research Consortium of the United States

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