

**Bridging the Poles Workshop
June 23-25, 2004, Washington DC**

Wednesday June 23, Day 1

- 8:00 Continental breakfast
- 8:30 Stephanie Pfirman -- Welcome, workshop goals and structure
 - Karl Erb, Director, NSF Office of Polar Programs -- Linking Research and Education
 - Robin Bell, CRREL -- International Polar Year
- 9:10 Plenary: three minute, one slide presentations by all on “Best polar ideas to inspire and educate the public and the next generation of researchers”
- 10:15 Break
- 10:45 Continue “Best polar ideas”
- 12:00 Other introductions
- 12:10 Lunch
- 1:00 Plenary presentations by Media Experts on Pacing/Rollout Strategy: Audience, Attention Span, Sequencing, Good Models
 - Evan Hadingham, Senior Science Editor, NOVA, WGBH
 - Curt Suplee NSF Director of the Office of Legislative & Public Affairs
- 1:45 Roundtable Discussion: We will be successful by 2010 if what 3 things are accomplished?
- 2:15 Report back to group
- 2:45 Break
- 3:15 Plenary presentations on community perspectives:
 - David Smith, ECC/Matthew Henson Center
 - Glen Sheehan, BASC
- 4:00 Roundtable Discussion: Opportunities and ways to engage diverse communities
 - Table 1 Arctic natives and residents
 - Table 2 Minorities
 - Table 3 Gender diversity
 - Table 4 Geographic diversity
 - Table 5 Economic diversity
 - Table 6 International diversity
- 5:00 Report back to group
- 5:30 Wrap up & End day 1

Thursday June 24, Day 2

- 8:00 Continental breakfast
- 8:30 Plenary presentations on approaches and tools to facilitate learning:
 - Susan Doubler, TERC -- The Study of Place
 - Richard Duschl, Rutgers -- Connecting Classrooms and Supporting Students' Science Reasoning
 - Ross MacPhee, American Museum of Natural History – “*The Endurance: Shackleton’s Legendary Antarctic Expedition*” and the role of Natural History Museums
- 9:30 Roundtable Discussion: Opportunities and needs for different levels
 - Table 1 K-5
 - Table 2 6-12

- Table 3 Undergraduate science majors
- Table 4 Undergraduate non-science majors
- Table 5 Graduate
- Table 6 General Public and Continuing Education

10:20 Break

10:50 Report back to group

11:20 Plenary presentations by Science/Data/Connectivity Specialists:

Sean Topkok, Alaskan Native Knowledge Network

Don Perovich, CRREL -- Arctic Change

12:00 Lunch

1:00 Science/Data/Connectivity Specialists continued:

Tamara Ledley, TERC – DLESE

Bob Bindschadler. NASA -- Antarctic Change

Mary Miller, Exploratorium -- “Live from Antarctica”

Rick Caufield – U Arctic, Distance Learning

2:10 Plenary discussion of remote participatory experiences and use of computers/data/graphs/images/animations/models

2:45 Break

3:15 Roundtable Discussion: Opportunities and needs to represent thematic areas

Table 1 People & Society: Anthropology & Heritage

Table 2 Core to Inner Space

Table 3 Ocean

Table 4 Ice

Table 5 Biota

Table 6 The Poles & Society: Anthropology & Heritage

4:15 Report back to group

5:30 End day 2

Friday June 25, Day 3

8:00 Continental breakfast

8:30 Roundtable Discussion – Accomplishing IPY Education:

Goals □ Tools □ Personnel

Overarching Needs

9:00 Programs to feature nationally & internationally over the next 5 years

Table 1 National Programs

Table 2 International Programs

Table 3 Arctic

Table 4 Antarctic

9:30 Report back to group

10:15 Break

10:45 Plenary discussion of overall Coordination and Implementation Time Line

12:00 End of meeting