

The Legacy and Lessons of International Polar Year 2007-2008

Update on NRC activity for OPP OAC

May 18, 2011

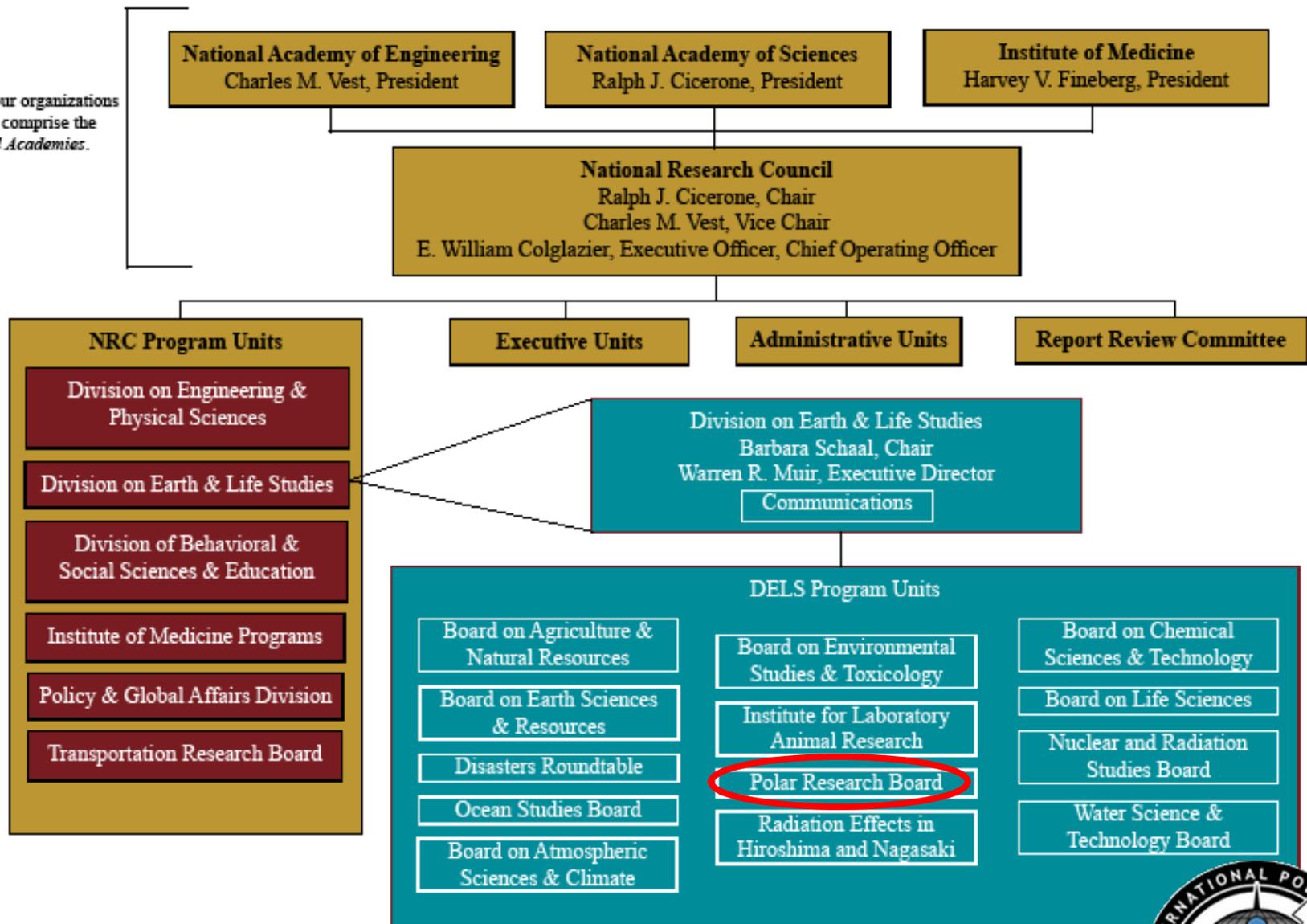
Martha McConnell

Polar Research Board

Julie Brigham-Grette (via phone)



These four organizations together comprise the *National Academies*.



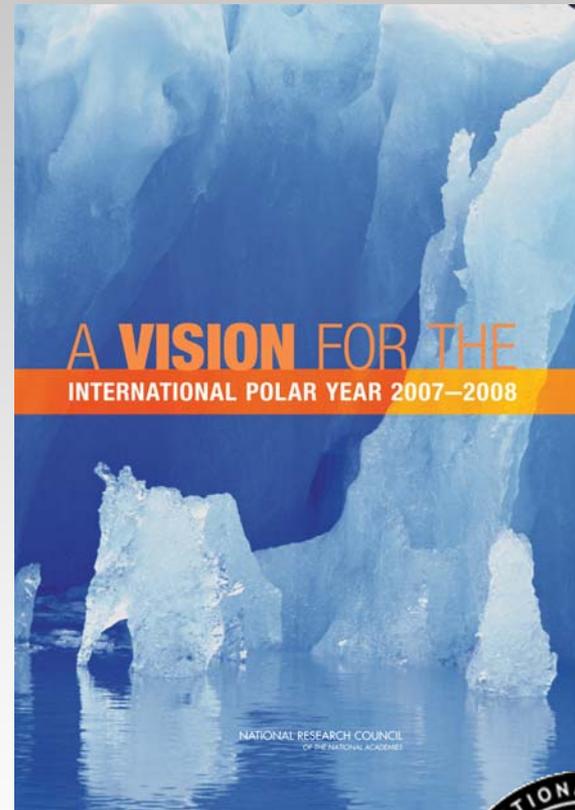
PRB and IPY

NAS forms US National Committee for IPY (2003)

Encourages community and US agency involvement

Articulates overarching IPY science issues in report, “*A Vision for the IPY 2007-2008*”

Hosts interagency IPY implementation workshop



Statement of Task

1. **highlights the outcomes (new scientific discoveries, observations, and findings, including infrastructure and education and outreach contributions) of the multi-faceted IPY campaign from a U.S. perspective,**
2. **integrates the lessons from different activities, including lessons learned about the benefits gained and challenges posed by international and multidisciplinary collaborations and by data access and management issues, and**
3. **records U.S. IPY efforts so they are available to a broad audience including researchers, decision makers, and stakeholders.**



Committee Roster

Julie Brigham-Grette (Co-Chair) - University of Massachusetts

Robert A. Bindschadler (Co-Chair) - NASA Goddard Space Flight Center

Mary R. Albert - Dartmouth College

John Cassano - University of Colorado Boulder

Larry D. Hinzman - University of Alaska Fairbanks

Eileen E. Hofmann - Old Dominion University

Igor I. Krupnik - Smithsonian Institution

Vera Kingeekuk Metcalf - Eskimo Walrus Commission, former USARC

Stephanie Pfirman - Barnard College

Chris Rapley - University College London

Lisa Speer - Natural Resources Defense Council

Thomas N. Taylor (NAS) - University of Kansas

Wilford F. Weeks (NAE) - University of Alaska Fairbanks (retired)



Study Schedule

Oct-Dec, 2010	Committee nomination, selection process. Committee sub-group AGU lunch
January 6,7 - 2011	1st Meeting: Committee orientation, NRC composition and balance discussion; briefings from sponsor; make initial plans for report outline and writing assignments.
Jan-June	Conference calls: Further information-gathering; plan workshop; review and revise report outline and writing assignments. Continue to identify preliminary conclusions and recommendations.
June 15, 16, 17 -2011	2nd Meeting: Information-gathering from workshop; review and revise report and writing assignments.
Jun-August	Review and Revise report
September 19, 20, 21 - 2011	3rd Meeting: Deliberation and finalize report; Select outside reviewers; prepare report for NRC and committee approval that it is ready for outside review. Send report for review
October 2011	Report sent out for external review
Nov-Dec-Jan	Response to Review and Institutional Approvals: Respond to review comments. Submit revised draft to NRC Report Review Committee; final committee sign-off.
February 2012	Report Delivery: Prepublication version of report delivered to sponsors. Pre-release briefings as appropriate. Public release and initial dissemination.
March-April 2012	Final Dissemination and Project Close-out
April 22, 2012	IPY 2012 Montreal: From Knowledge to Action Conference



Report Outline and Workshop Structure

I. Discoveries

II. People

III. Tools – Facilitating Polar Science

IV. Knowledge to action

V. Reflections on IPY and Lessons Learned

(Gathering information through online survey, workshop participant assignments, plenary speakers – see workshop agenda for more details)



What can the OAC do?

- Provide input through the online survey:
<http://www.surveygizmo.com/s/471183/ipy>
- OR an email directly to Martha - mmcconnell@nas.edu

- What are the important discoveries or breakthroughs from the IPY years and what is their impact or potential future impact on science or society?
- What were the partnerships and collaborations initiated during this IPY and do those partnerships continue?
- Has human capacity changed and how?
- What are the biggest advances in observational systems, data/model management and access, and research infrastructure?
- How have these advances during IPY changed the capability to undertake polar research?
- How has polar understanding gained from this IPY been utilized by broader society?
- What happened that would not have otherwise happened if not for this IPY?
- What worked and what didn't (lessons learned)?
- What is the value or lasting benefit of this IPY?

