

**USNC for the IPY**  
**2006 IPY FUNDING OPPORTUNITIES UPDATE**  
<http://us-ipy.org>

**NSF'S CALL FOR IPY PROPOSALS IS AVAILABLE:** NSF posted the IPY solicitation on January 31, 2006. Details about the program can be found at [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=13615&org=OPP&from=fund](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13615&org=OPP&from=fund)

Scientific inquiries can also be directed to the individual program officers in the Office of Polar Programs. OPP staff in Antarctic Sciences Section can be found at [http://www.nsf.gov/staff/sub\\_div.jsp?org=OPP&orgId=287](http://www.nsf.gov/staff/sub_div.jsp?org=OPP&orgId=287), and OPP staff in Arctic Sciences Section can be found at [http://www.nsf.gov/staff/sub\\_div.jsp?org=OPP&orgId=284](http://www.nsf.gov/staff/sub_div.jsp?org=OPP&orgId=284). Additional EHR staff can be found at [http://www.nsf.gov/staff/staff\\_list.jsp?org=EHR](http://www.nsf.gov/staff/staff_list.jsp?org=EHR).

**CONTACTS**

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**PROGRAM GUIDELINES AND DUE DATES**

Information on Program Guidelines can be found in the [06-534](#) Solicitation. The due date for full proposals is **May 1, 2006**.

**SYNOPSIS**

The "International Polar Year 2007-2008" (IPY) will extend from March 2007 through March 2009. IPY is envisioned as an intense scientific campaign to explore new frontiers in polar science, improve our understanding of the critical role of the polar regions in global processes, and educate the public about the polar regions. Projects are expected to involve a pulse of activity during the IPY period; have multi- and interdisciplinary scopes; leave a legacy of infrastructure and data; expand international cooperation; engage the public in polar discovery; and help attract the next generation of scientists and engineers.

A number of NSF programs will respond to proposals for support of IPY activities over the next several years. These are listed on an IPY web page maintained by NSF's Office of Polar Programs (<http://www.nsf.gov/od/opp/ipy/ipyinfo.jsp>). This list will be updated from time to time and should be consulted when considering proposal submissions.

In anticipation of IPY, the Office of Polar Programs (OPP) and the Directorate for Education and Human Resources (EHR) have identified special emphasis areas that will require preparation in advance of IPY. These are the subject of the present focused solicitation. The research emphasis areas are: **ice sheet history and dynamics; biological adaptations at the cellular and genomic level to life in extreme cold and prolonged darkness; and the arctic observing network**. Proposed research activities must be integrally related to one or more of these

emphasis areas and adhere to the guidance of the National Research Council's report *A Vision for the International Polar Year 2007-2008* (2005), including specific significant linkages to international activities. This document may be found at the link below.

The educational emphasis areas for this solicitation are: formal science education experiences for K-12 teachers and undergraduate or graduate students, informal science education for the broader public, and coordination and communication for IPY education projects. In addition to the educational activities normally integrated into research proposals, this solicitation will consider standalone proposals that specifically address one or more of these focus areas.

Proposals for IPY activities outside of these emphasis areas should be directed to other solicitations from OPP and NSF. Related programs are listed at the web site above (see also Section IX). Proposals submitted under this solicitation may be co-reviewed with other NSF programs.

#### **EDUCATIONAL OPPORTUNITY**

This program provides educational opportunities for Undergraduate Students, Graduate Students, K-12 Educators. Individuals interested in applying for funding should see the program guidelines above.

#### **RELATED PUBLICATIONS**

[nsf05-618](#)

[nsf05-567](#)

#### **RELATED URLS**

[Principles for the Conduct of Research in the Arctic](#)

[Antarctic Conservation Act](#)

[U.S. Committee to the International Polar Year, 2007-2008](#)

[ICSU International Polar Year Planning Committee](#)

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Comments on this update as well as on the reports and activities of USNC for IPY are welcome. To provide input, unsubscribe, or to suggest items to be included in future issues contact [muhle@nas.edu](mailto:muhle@nas.edu). See the U.S. National Committee website for IPY, [www.us-ipy.org](http://www.us-ipy.org) for additional IPY information.

The Polar Research Board of the US National Academies serves as the US National Committee for IPY. The National Academies – including the National Academy of Sciences, National Academy of Engineering, Institute of Medicine, and National Research Council – serves the nation by providing independent advice on issues in science, engineering, and medicine. For a list of members and descriptions of the PRB's other activities, please go to <http://nationalacademies.org/prb>.

We encourage you to share this update with colleagues.