

Table of Contents

1. NASA Announces Solicitation for IPY Proposals
2. January 31 Deadline for the Submission of Full IPY Proposals
3. NSF Launches Interagency US IPY Website
4. NSF's Call for IPY Proposals
5. IPY Education Subcommittee Meeting Highlights
6. University of Alaska Announces Presidential IPY Postdoc Fellowship Program

Calendar of Upcoming IPY Events

January 31, 2006 - Third and final call for the submission of Full IPY Proposals

March 15, 2006 - Letters of intent due for NASA's IPY Solicitation

May 1, 2006 - Full proposals due for NASA's IPY Solicitation Arctic Science Summit Week, Potsdam - IPY focus on March 26th;

April 10-11, 2006 - IPY Education & Outreach Discussion at COMNAP/INFONET Washington DC;

March 6-10, 2006 - The American Association of Geographers Meeting in Chicago: Two IPY Education and Outreach joint sessions with International Permafrost Association;

March 14, 2006 - BBC "Countdown to IPY" Event;

March 15, 2006 - University of Colorado, Boulder IPY Event: Short talks by polar scientists aimed at a general audience;

April 1, 2006 - Applications for University of Alaska Presidential International Polar Year Postdoctoral Fellowship Program.

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- 1. NASA ANNOUNCES SOLICITATION FOR IPY PROPOSALS:** Under the Research Opportunities in Space and Earth Science (ROSES) for 2006, NASA solicits investigations in several areas including analysis of satellite data sets, participation in multinational field campaigns, integrated regional modeling of polar regions, definition studies for potential, US-led activities which integrate field work (NASA-provided, suborbital platforms), satellite data analysis and modeling, and development of remote-sensing instruments suitable for implementation on uninhabited aerial vehicles. Details regarding this solicitation can be found at: <https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={307FF8D5-59A9-E2E0-0637-6ED8AB166C4F}&path=open> or those who are more familiar with NASA solicitations may wish to start at the NSPIRES web site <https://nspires.nasaprs.com/external/index.do> and follow the path for open solicitations.

Letters of intent are due 3/15/2006 with full proposals due 5/1/2006. Expected annual program budget for new awards is \$6M and the number of new awards pending adequate proposals of merit is 25.

2. DEADLINE FOR THE SUBMISSION OF FULL IPY PROPOSALS: January 31, 2006 is the last announced chance to submit full IPY proposals to the IPY International Programme Office. For details regarding the submission process please visit the International Programme Office at <http://www.ipy.org/index.php>.

3. NSF'S LAUNCHES INTERAGENCY U.S. IPY WEBSITE: The National Science Foundation launched a website on January 17, 2006 dedicated to the IPY. The site has links to news releases, classroom resources, listings of museum and gallery exhibits, and catalogs of video and still images and other materials produced or supported by the federal government.

The site, at <http://www.us-ipy.gov>, is intended to be both an educational resource for a general audience and to provide basic information for scientists interested in obtaining IPY funding from U.S. government sources. New content will be continually added to the site.

4. NSF'S CALL FOR IPY PROPOSALS: As of distribution of this newsletter, the anticipated NSF call for IPY related proposals has not yet been announced but is expected soon. Over past months, some likely themes for this call and an Antarctic call have been discussed (ice sheet history and dynamics, polar biology in cold and dark environments, observations of environmental change, and education/outreach) but until the call is distributed the details are uncertain. It is best to call your program manager for guidance about whether your potential IPY research might fit into the upcoming announcement or other NSF funding opportunities.

Please note that IPY related activities are potentially supportable under existing NSF funding opportunities, each with its own requirements and deadlines. See the following sections of the NSF website:

ARCTIC RESEARCH

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5521&org=OPP&from=home

ANTARCTIC RESEARCH

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5519&org=OPP&from=fund

SOCIAL SCIENCE RESEARCH

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11678&org=OPP&from=home

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13425&org=OPP&from=fund

FACULTY EARLY CAREER DEVELOPMENT PROGRAM

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5262&org=OPP&from=home
INCREASING PARTICIPATION OF WOMEN IN SCIENCE PROGRAM

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5383&org=OPP&from=fund

DEVELOPING GLOBAL SCIENTISTS AND ENGINEERS

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12831&org=OPP&from=fund

5. IPY Education, Outreach and Communication (EOC) Subcommittee

Meeting Highlights: The IPY EOC Subcommittee had its first meeting on January 10, 2006 in Paris. The co-chairs of the subcommittee, Jennifer Pink (Science North, Ontario) and Margarete Pauls (Alfred Wegner Institute, Bremerhaven, Germany) and other committee members met with the Director of the IPY International Programme Office, David Carlson. David informed the group that he will be hiring someone with a background in polar science to coordinate public relations at the IPY Programme Office and that there are numerous exhibits and films planned for IPY, and many higher-education-related projects, but there is still a need for more work in the area of formal K12 education, and the integration of research, data and education.

The co- chairs identified six themes for the EOC group to emphasize in their IPY efforts:

1. Academia and Higher Education
2. Evaluation and Assessment
3. Primary & Secondary Education
4. Science Public Relations
5. Exhibitions and Events
6. Art Projects

There are a number of upcoming meetings planned relating to IPY EOC, including the European IPY Education meeting in Brussels, March 16-17, and the EGU Meeting in Vienna which will have Union sessions on IPY and an Education session on the international science years, of which IPY is the most robust.

6. Postdoctoral Fellowships Available from University of Alaska Presidential International Polar Year Postdoctoral Fellowship Program

The University of Alaska is pleased to offer ten postdoctoral fellowships, starting during academic year 06-07, for a period of up to three years to cover the time frame of the fourth International Polar Year plus analysis and publication of results. Starting salary will be \$50,000 USD with full faculty benefits, plus a \$5,000 per year travel and research allowance.

Awardees will be expected to conduct research contributing to at least one of the six IPY themes (see <http://www.ipy.org>) with a focus on the northern high latitudes. In addition, applicants should clearly indicate how their research would benefit from the cultural, ecological, and geological diversity of Alaska. Awardees

may choose to be stationed at any of the University main campuses (Fairbanks, Anchorage, or Juneau; see <http://www.alaska.edu>) and will be hosted by a Department or Research Institute. Interested senior-level graduate students and recent Ph.D.s are encouraged to contact UA faculty members regarding prospective research projects.

For further information, including specifics on how to apply, please go to: <http://www.alaska.edu/swacad/postdoc/>.

Applications are due by Saturday, 1 April 2006, and decisions will be announced by Monday, 1 May 2006.

Comments on this newsletter 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. See the U.S. National Committee website for IPY, 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 newsletter with colleagues.