

From: "Stepan G. Shiyatov" <stepan@ipae.uran.ru>
To: k.briffa@uea.ac.uk
Subject: Proposal to IARC
Date: Mon, 6 Sep 1999 17:18:44 +0500
Reply-to: "Stepan G. Shiyatov" <stepan@ipae.uran.ru>

Dear Keith,

Some days ago we have got "JOINT ANNOUNCEMENT OF OPPORTUNITY" from International Arctic Research Center and Cooperative Institute for Arctic Research University of Alaska Fairbanks. The general theme is Global Change Research in the Arctic (full text with description is attached bellow). As we have read Research Themes from announcement they seem to be very congenial to our laboratory. What do you think about this? Is there point in submitting proposal to IARC and CIFAR at the University of Alaska Fairbanks? Research theme would be 5,000 year summer air temperature reconstruction from tree rings and impacts and consequences of global climate change on forest ecosystems in the Polar Ural and Yamal Peninsula (Subarctic regions of Russia).

We have no wide experience to submit proposal to any foreign administration. We need in some advice. Could you give us a piece of good advice how to do this well.

The questions are:

1. We are not sure whether this action and theme is contrary to our future cooperative work?
2. If not, how big our chance to get award?
3. Could we submit a proposal from our Institute only without U.S. partner? (Proposals from foreign institutions should preferably have a U.S. partner. See description bellow). If U.S. partner should be, who in your opinion would be?

Best regards.
Stepan.

From: ArcticInfo
<arcticInfo@mail.arcus.org>
To: arcticinfo@arcus.org
Subject: IARC Announcement of Opportunity
For more information on these research opportunities contact:
Professor Syun Akasofu, Director, IARC, Phone: 907/474-6012,
Fax: 907/474-5662, or E-mail: sakasofu@iarc.uaf.edu.

RESEARCH OPPORTUNITIES

JOINT ANNOUNCEMENT OF OPPORTUNITY

International Arctic Research Center and Cooperative Institute for Arctic Research University of Alaska Fairbanks
Global Change Research in the Arctic

INTRODUCTION

Proposals are invited on topics of global change and its effects in the Arctic (detection; interactions and feedbacks; paleoclimates, arctic haze, ozone and UV; contaminants; impacts and consequences of change). The proposal deadline is 1 October 1999 and awards will be made in January 2000.

DESCRIPTION

The International Arctic Research Center (IARC) and the Cooperative Institute for Arctic Research (CIFAR) at the University of Alaska Fairbanks announce the availability of funding for global change research in the Arctic. The IARC is a new international research center at the University of Alaska Fairbanks, established jointly with Japan. The mission of the IARC is to provide an environment that will nurture multidisciplinary research by integrating and synthesizing past, present, and future studies in global change.

CIFAR is the NOAA-UAF Cooperative Institute for Arctic Research; it is combining the resources of its Arctic Research Initiative (ARI) with those of IARC under this announcement. The goal is to develop a focal point for a pan-Arctic synthesis of

global change in which researchers from many different institutions throughout the United States and the rest of the world participate to combine their research results. Further details on IARC can be found on its web page at <http://www.iarc.uaf.edu/> and on CIFAR at <http://www.cifar.uaf.edu/>.

Proposals may be submitted from U.S. or foreign institutions that address studies on any of the following themes drawn from the IARC Science Plan and the CIFAR Arctic Research Initiative. Proposals from foreign institutions should preferably have a U.S. partner. The starting date for proposed work should be 1 January 2000, with a duration of up to 24 months. Funding for the second year will be contingent on the availability of additional funds, therefore each proposal should have a clear, achievable objective for the first year's work.

RESEARCH THEMES

1. Detection of contemporary climate change in the Arctic by ground observations, remote sensing and climate "fingerprinting".
2. Arctic paleoclimatic reconstructions from ice cores, tree rings, permafrost, lake and ocean sediments.
3. Atmosphere-ice-land-ocean interactions and feedbacks in the Arctic that affect change, including observations and modeling.
4. Arctic atmospheric chemistry, arctic haze, ozone and UV radiation and their effects.
5. Impacts and consequences of global climate change, including effects on biota and ecosystems in the Arctic.
6. Contaminant sources, transport pathways, and exposure to higher trophic levels and humans in the Arctic.

It is planned to fund several large projects and a number of medium (\$100K) or smaller projects. Proposals must include the full cost of logistics support required. A total of about \$ 4.5M is available in year 1 for this Announcement of Opportunity.

Proposals can request support for the following:

- * Research on any of the above six themes. Proposals that add value to ongoing research projects, or that share costs with other funded investigators, are encouraged.
- * Conducting workshops at the IARC to further define priorities or synthesize available information on any of the research themes listed above, or any theme from the IARC Science Plan.
- * Visiting scientists, for short- or longer-term visits, to the IARC in Fairbanks.
- * Development of generally useful curricula and courses in global change, or conducting global change outreach and educational activities.
- * U.S. participation in the work of the Arctic Council and its AMAP, CAFF, or PAME working groups.

All proposers should meet the following conditions:

- * PIs must attend an annual synthesis meeting of all IARC/CIFAR investigators in Fairbanks at which research results will be presented and working groups will synthesize results. Proposal budgets should include travel to Fairbanks.
- * All activities will be required to acknowledge the financial support from IARC and CIFAR in reports, papers, dissertations, etc.
- * Progress reports are due from all funded projects on 1 August 2000.
- * Copies of all publications resulting from funded projects are to be provided to IARC/CIFAR.

Proposals should not exceed 15 pages in text and illustrations, not counting CVs, budget

page, and appendices. Further details on proposal preparation are attached below as an appendix.

Review criteria for research proposals are:

- * Does the proposal address the research themes listed above?
- * Does it propose high-quality research?
- * Does it advance the NOAA mission?
- * Is the PI (or are the PIs) well qualified to do the research?
- * Can the research be done in a timely manner?
- * Is it likely to lead to significant results?
- * Is it likely to contribute to a synthesis of research results on global change?

Proposals must be received by 1 October 1999. All proposals will be reviewed by a scientific peer review panel of prominent researchers that will advise a program management team drawn from NOAA, IARC, and CIFAR. Funds will be available in early 2000. Please submit proposals (originals and 10 copies) to the address below. Further information can also be obtained from the same office.

Professor Syun Akasofu, Director
International Arctic Research Center
University of Alaska Fairbanks
930 North Koyukuk Drive
P. O. Box 757340
Fairbanks, AK 99775-7340
Tel 907/474-6012
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Program Management Team:

Syun Akasofu, Director, IARC, University of Alaska, Fairbanks, AK
John Calder, Director, Arctic Research, NOAA-OAR, Silver Spring, MD
Gunter Weller, Director, CIFAR, University of Alaska, Fairbanks, AK

APPENDIX

INSTRUCTIONS FOR PROPOSAL PREPARATION FORMAT OF THE PROPOSAL

Proposals should be stapled in the upper left-hand corner, but otherwise be unbound, and have 2.5-cm margins at the top, bottom, and on each side. The type size must be clear and readily legible, in a standard font size of 10-12 point. The original signed copy should be clipped together (not stapled) and printed on one side of each sheet only. The 10 additional copies of the proposal may be printed on both sides.

When submitting collaborative proposals involving more than one institution, each institution should submit its own cover page with appropriate signatures and its own budget. The title of the proposal, the text, disclosures, vitae, etc., should be the same and a cover letter should indicate that the proposal is a collaborative one jointly submitted with another (or other) institution(s) which should be named.

SECTIONS OF THE PROPOSAL

1. Cover page. The cover page should include a title, the Principal Investigator's name(s) and affiliation(s), complete address, phone, fax, e-mail information, and budget summary broken out by year. It must be signed by an official authorized to legally bind the submitting organization.
2. Half-page abstract (on a separate page). This should list the nature of the proposed work (e.g., hypotheses to be tested, the relationship of the proposed studies to the research themes, the goals of any proposed workshops, relationship to the Arctic Council, etc.) and a summary of the key approach.
3. Project Description. This section should present the problem or opportunity to be addressed by the project, and state

the questions, hypotheses, and project objectives, clearly relating them to the goals of this competition. Proposals should: summarize the approach that will be used to address the questions, hypotheses, and objectives; describe how the PIs and co-PIs would contribute to the overall study approach; describe the methods to be used; and present expected results.

4. Data Plan. The proposal should include a plan on how the data generated by the proposed research will be made available to other scientists (e.g., web pages) and deposited in a recognized data archive.

5. References cited.

6. Milestone chart for the project.

7. Statement of the project responsibilities of each Principal Investigator and participant.

8. Budget. Pattern your budget after NSF

budget Form 1030. Budget categories include the following: salaries and wages, fringe benefits, equipment, travel, materials and supplies (expendable), publication costs, consultant services, computer services, sub-awards, tuition, other expenditures, and indirect costs (facilities and administration). The full cost of logistics should be included in the budget. Travel to an annual PI meeting in Fairbanks should be included. Travel expenses need to be broken down by airfare and per diem. Salaries for Government PIs will not be supported.

9. Biographical Sketch. This is limited to two pages for each Principal Investigator and should be focused on information directly relevant to undertaking the proposed research.

10. A short list of possible peer reviewers with whom you have no close working or personal relationship (optional).

11. Federal employees. Proposals are welcome from those Federal agencies whose legislated mission allows participation.

NONDISCRIMINATION The National Oceanic and Atmospheric Administration provides awards for research in the sciences. The awardee is wholly responsible for the conduct of such research and preparation of the results for publication. NOAA, therefore, does not assume responsibility for such findings or their interpretation. IARC and CIFAR welcome proposals on behalf of all qualified scientists and engineers, and strongly encourage women, minorities, and persons with disabilities to compete fully in any of the research and research-related programs described in this document. In accordance with Federal statutes and regulations, and NOAA policies, no person on the grounds of race, color, age, sex, national origin, or disability shall be excluded from participation in, denied the benefits of, or be subjected to discrimination under any program or activity receiving financial assistance from NOAA.

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