



**National Science Foundation  
4201 Wilson Boulevard  
Arlington, Virginia 22230**

**Dear Colleague Letter to Polar Research Community concerning the  
"Cyber-enabled Discovery and Innovation (CDI)" solicitation**

*Preliminary proposal deadlines:*

- *Type I:* December 8, 2008
- *Type II:* December 9, 2008

Dear Colleagues:

I would like to call your particular attention to the new "Cyber-enabled Discovery and Innovation (CDI)" proposal solicitation, which has just been announced.

It is available at: [http://www.nsf.gov/publications/pub\\_summ.jsp?ods\\_key=nsf08604](http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08604)

CDI seeks ambitious, transformative, multidisciplinary research proposals that utilize computational thinking within or across the following three thematic areas:

1. From Data to Knowledge: enhancing human cognition and generating new knowledge from a wealth of heterogeneous digital data;
2. Understanding Complexity in Natural, Built, and Social Systems: deriving fundamental insights on systems comprising multiple interacting elements; and
3. Building Virtual Organizations: enhancing discovery and innovation by bringing people and resources together across institutional, geographical and cultural boundaries.

Some highlights of the changes since last year's solicitation are:

- Letter of Intent is no longer required or accepted
- Preliminary and full proposal deadlines were revised:

Preliminary Proposal deadlines:

Type I: December 8, 2008

Type II: December 9, 2008

Full Proposal Deadline (by invitation only): May 20, 2009

- The description of the theme "Designing, Building, and Understanding Virtual Organizations" has been revised.
- Changes in preliminary and full proposal preparation instructions, under single copy documents:

PIs are required to send by e-mail two Excel files: one file with list of PIs, Co-PIs, and other senior personnel and their conflicts of interest (CoI), and another file indicating primary and other relevant CDI themes, and keywords relevant to the proposal; both Excel files are to use templates made available through NSF CDI web site; keywords should be selected from the CDI keyword list provided on <http://www.nsf.gov/crssprgm/cdi/> or of the PI's own choosing;

the Excel files are to be e-mailed to [cdi@nsf.gov](mailto:cdi@nsf.gov). PIs are to include a PDF file of the Col information as a single-copy document in the preliminary or full proposal itself.

If you have any questions, you can reach us at [dlubin@nsf.gov](mailto:dlubin@nsf.gov) (703-292-8030) or [cdi@nsf.gov](mailto:cdi@nsf.gov) (703-292-8080).

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Director

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