



Improve Your Cyberinfrastructure (CI) Skills!

2010-2011 Funding for CI-Related Training Opportunities

Preference given to NSF EPSCoR Track 1 (Climate Change) and Track 2 (CI) Participants (Faculty, Post-docs, Graduate and Undergraduate Students), but others are encouraged to apply

Introduction:

A key goal of the National Science Foundation is to support the development of new skills and professions needed for full realization of Cyberinfrastructure-enabled opportunities. CI consists of computing systems, data storage systems, advanced instruments and data repositories, visualization environments, and people, all linked together by software and high performance networks to improve research productivity and enable scientific breakthroughs not otherwise possible.

Upcoming Opportunities:

SC10 Education Program

- Nov 13-19, 2010, New Orleans, LA
<http://sc10.supercomputing.org/?pg=edprog.html>

2nd IEEE International Conference on Cloud Computing Technology and Science

- Nov 30 – Dec 3, 2010, Indianapolis, Indiana
<http://2010.cloudcom.org/>

Exascale Challenges in Computational Biology

- 13-15 December, 2010 – Barcelona, Spain
<http://mmb.pcb.ub.es/exascale2010/index.htm>

UCAR Unidata Training Workshop

- A variety of workshops held between October 25-November 9, 2010, Boulder, CO
<http://www.unidata.ucar.edu/events/2010TrainingWorkshop/>

Links for Additional Future Opportunities:

HPC University <http://hpcuniversity.org/>

TeraGrid (<http://www.teragrid.org>)

International Science Grid This Week (iSGTW) <http://www.isgtw.org/>

HPC wire <http://www.hpcwire.com/events/>

Educause (Advances higher education by promoting the intelligent use of information technology)
<http://net.educause.edu/node/31>

Computing Research Association <http://www.cra.org/events/>

NSF CI-TEAM links including CI Education, Outreach and Training Links

<http://www.nsf.gov/crssprgm/ci-team/#ceoat>

Women, persons with disabilities, and members of underrepresented groups are especially encouraged to apply. NSF defines underrepresented groups as Native Americans, African Americans, Pacific Islanders, and Hispanics.

GEON Education and Training for Geoscientists <http://www.geongrid.org/index.php/education/>
Grace Hopper Celebration of Women in Computing <http://gracehopper.org/2010/>

Other CI-Training Opportunities:

If there are other training/conference opportunities in CI that you would like to attend, please propose the opportunity by filling out the attached Training Application Request Form.

Funding:

Funding for registration and travel for CI-trainings is available on a first-come basis from your respective state NSF EPSCoR Track 2 program. Fill out the attached Training Application Request Form and send to:

- Idaho – Sarah Penney (sarahp@uidaho.edu)
- Nevada – Michele Casella (michele_casella@nshe.nevada.edu)
- New Mexico – Mary Jo Daniel (mjdaniel@unm.edu)

Questions:

Contact your state contact listed above.

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