

Education and Human Resources Directorate (EHR)

Regional Grants Conference
Providence, RI
April 7&8, 2008
Jolene Kay Jesse

EHR's Organizational Structure

Office of the Assistant
Director (OAD)
Cora Marrett (AD)
Wanda Ward (DAD)

Division of
Graduate Education
(DGE)

Division of Human
Resources
Development (HRD)

Division of Research on
Learning in Formal and
Informal Settings (DRL)

Division of Under-
Graduate Education
(DUE)

EHR's Mission

To enable excellence in U.S. STEM education at all levels and in all settings in order to support the development of a diverse and well-prepared workforce of scientists, technicians, engineers, mathematicians and educators

EHR's Goals

- To prepare the next generation of STEM professionals;
- To promote rigorous research and evaluation on STEM education and the workforce;
- To heighten the scientific literacy of the population; and
- To broaden participation in STEM

EHR's Priorities for FY2009

- Teacher Education
- Broadening Participation
- Transforming Graduate Education
- Cyber-enabled Learning
- Rigorous Research and Program Evaluation

Division of Graduate Education

- Integrative Graduate Education and Research Traineeships (IGERT)
- NSF Graduate Teaching Fellows in K-12 Education (GK-12)
- Graduate Research Fellowships

Integrative Graduate Education and Research Traineeship Program (IGERT)

08-540 Solicitation

DUE DATES

Full Proposal Deadline: April 24, 2008

IGERT Resource Center

Preliminary Proposal Deadline: April 24, 2008

IGERT Traineeship preliminary proposals

Full Proposal Deadline: October 20, 2008

IGERT Traineeship full proposals (By Invitation Only)

Division of Human Resources Development (HRD)

- ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers
- Alliances for Broadening Participation in STEM
- Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)
- Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)
- Research in Disabilities Education (RDE)
- Research on Gender in Science and Engineering (GSE)
- Tribal Colleges and Universities Program (TCUP)

Alliances for Broadening Participation in STEM

08-545 Solicitation

DUE DATES

Full Proposal Deadline: May 15, 2008

Bridge to the Doctorate

Letter of Intent Deadline: May 30, 2008

Alliances for Graduate Education and the Professoriate

Full Proposal Deadline: June 27, 2008

Alliances for Graduate Education and the Professoriate

Full Proposal Deadline: October 10, 2008

Louis Stokes Alliances for Minority Participation

Full Proposal Deadline: October 10, 2008

LSAMP Educational Research Projects

Full Proposal Deadline: March 6, 2009

Bridge to the Doctorate

Research in Disabilities Education (RDE)

08-527 Solicitation

DUE DATES

Full Proposal Deadline: April 11, 2008

Demonstration, Enrichment, and Information
Dissemination (RDE-DEI)

Full Proposal Deadline: April 11, 2008

Regional Alliances for Persons with Disabilities in STEM
Education (RDE-RAD)

Full Proposal Deadline: April 21, 2008

Focused Research Initiatives (RDE-FRI)

Tribal Colleges and Universities Program (TCUP)

08-533 Solicitation

DUE DATES

Full Proposal Accepted Anytime

TCUP Planning Projects

Full Proposal Deadline: October 20, 2008

TCUP Implementation Projects

Division of Research on Learning in Formal and Informal Settings (DRL)

- Advanced Learning Technologies
- Advanced Technological Education
- Communicating Research to Public Audiences
- Discovery Research K-12
- Informal Science Education
- Innovative Technology Experiences for Students and Teachers
- Research and Evaluation on Education in Science and Engineering

Advanced Learning Technologies

06-535 Solicitation

DUE DATE

Full Proposal Deadline:

April 25, 2008

Advanced Technological Education

07-530 Solicitation

DUE DATES

Preliminary Proposal Deadline:

April 24, 2008

Full Proposal Deadline:

October 16, 2008

Communicating Research to Public Audiences

03-509 Solicitation

DUE DATES

Full Proposal accepted anytime, but at least six months prior to anticipated start date.

The Principal Investigator (PI) must have an active NSF-supported research grant.

Discovery Research K-12

08-502 Solicitation

DUE DATES

Full Proposal Deadline:

January 19, 2009

Informal Science Education

08-547 Solicitation

DUE DATES

Letter of Intent Deadline: September 18, 2008
(*required*)

Full Proposal Deadline Date: December 18, 2008

- **Planning Grants:** Must submit Letters of Intent and Full Proposals on the same deadline dates as those indicated above following discussion with a Program Officer.
- **Conference, Symposia, and Workshop Grants:** Proposals may be submitted at any time, generally at least one year in advance, following discussion with a Program Officer. These types of projects do not require Letters of Intent.

Innovative Technology Experiences for Students and Teachers

08-526 Solicitation

DUE DATES

Full Proposal Deadline:

April 11, 2008

Division of Undergraduate Education (DUE)

- Advanced Technological Education
- Computational Science Training for Undergraduates in the Mathematical Sciences
- Course, Curriculum, and Laboratory Improvement
- Interdisciplinary Training for Undergraduates in Biological and Mathematical Sciences
- Federal Cyber Service: Scholarship for Service
- Math and Science Partnership
- Nanotechnology Undergraduate Education (NUE) in Engineering
- National Science, Technology, Engineering, and Mathematics Education Digital Library
- NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)
- Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring
- Robert Noyce Teacher Scholarship Program
- Science, Technology, Engineering, and Mathematics Talent Expansion Program

Computational Science Training for Undergraduates in the Mathematical Sciences

06-559 Solicitation

DUE DATES

Full Proposal Deadline:
October 17, 2008

Course, Curriculum and Laboratory Improvement (CCLI)

08-546 Solicitation

DUE DATE

Full Proposal Deadline: May 20, 2008
For Phase 1 proposals from submitting organizations located in states or territories beginning with A through M.

Full Proposal Deadline: May 21, 2008
For Phase 1 proposals from submitting organizations located in states or territories beginning with N through W

Full Proposal Deadline: January 12, 2009
For Phase 2 and 3 proposals

Interdisciplinary Training for Undergraduates in the Biological and Mathematical Sciences

08-510 Solicitation

DUE DATES

Full Proposal Deadline:
February 12, 2009

Nanotechnology Undergraduate Education (NUE) in Engineering

08-544 Solicitation

DUE DATES

Full Proposal Deadline:

May 14, 2008

NSF Scholarships in Science, Technology, Engineering and Mathematics (S-STEM)

07-524 Solicitation

DUE DATES

Letter of Intent Target Date: July 10,
2008 (for the August 12, 2008
competition)

Full Proposal Deadline: August 12,
2008

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring

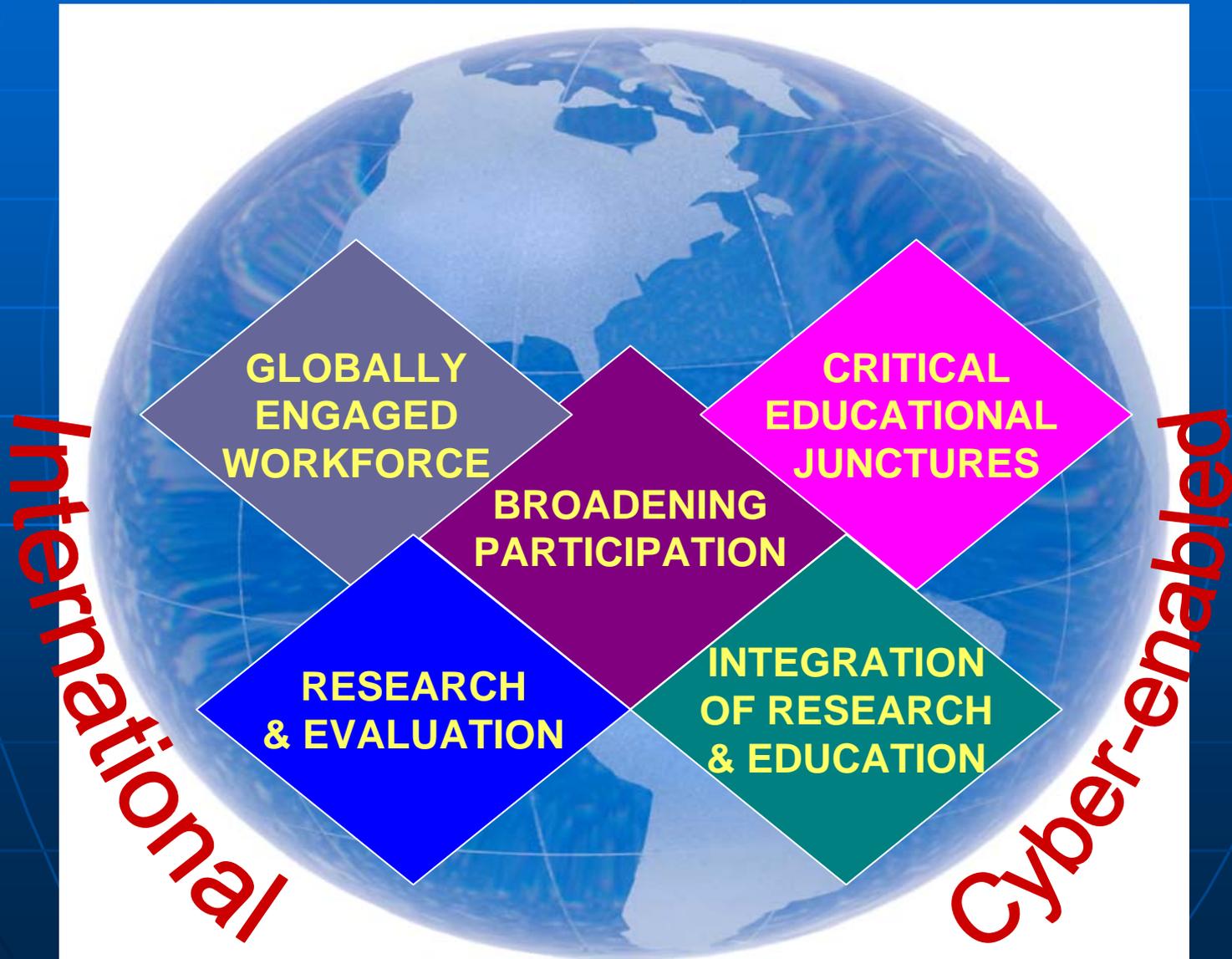
04-525 Solicitation

DUE DATES

Full Proposal Deadline:

April 22, 2008 For 2008 ONLY

Innovation Through Institutional Integration (I³)



Goals of I³

- Increase synergy & collaboration among NSF/EHR-funded projects and within/between institutions
- Enhance sustainability
- Promote integration of STEM research and education
- Broaden participation, attend to critical junctures, and/or provide for more globally engaged workforce
- Encourage research on intra- or inter-institutional integration and broader impacts.

Innovation through Institutional Integration (I³)

For 2008, proposals were solicited in six programs with an April 10th deadline:

- CREST
- ITEST
- MSP
- Noyce
- RDE
- TCUP

Innovation through Institutional Integration (I³)

- Eligibility
 - Institutions of Higher Education
- Limits on Proposals
 - One per Institution
 - PI must be Provost or equivalent
 - Continuing Grants up to \$200K per year for 5 years
- FAQs: on NSF web site

Contacts

- **Directorate for Education and Human Resources (EHR) Phone: (703)-292-8600**
- **Division of Graduate Education (EHR/DGE) Phone: (703) 292-8630**
- **Division of Human Resource Development (EHR/HRD) Phone: (703) 292-8640**
- **Division of Research on Learning in Formal and Informal Settings (EHR/DRL) Phone: (703) 292-8620**
- **Division of Undergraduate Education (EHR/DUE) Phone: (703) 292-8670**