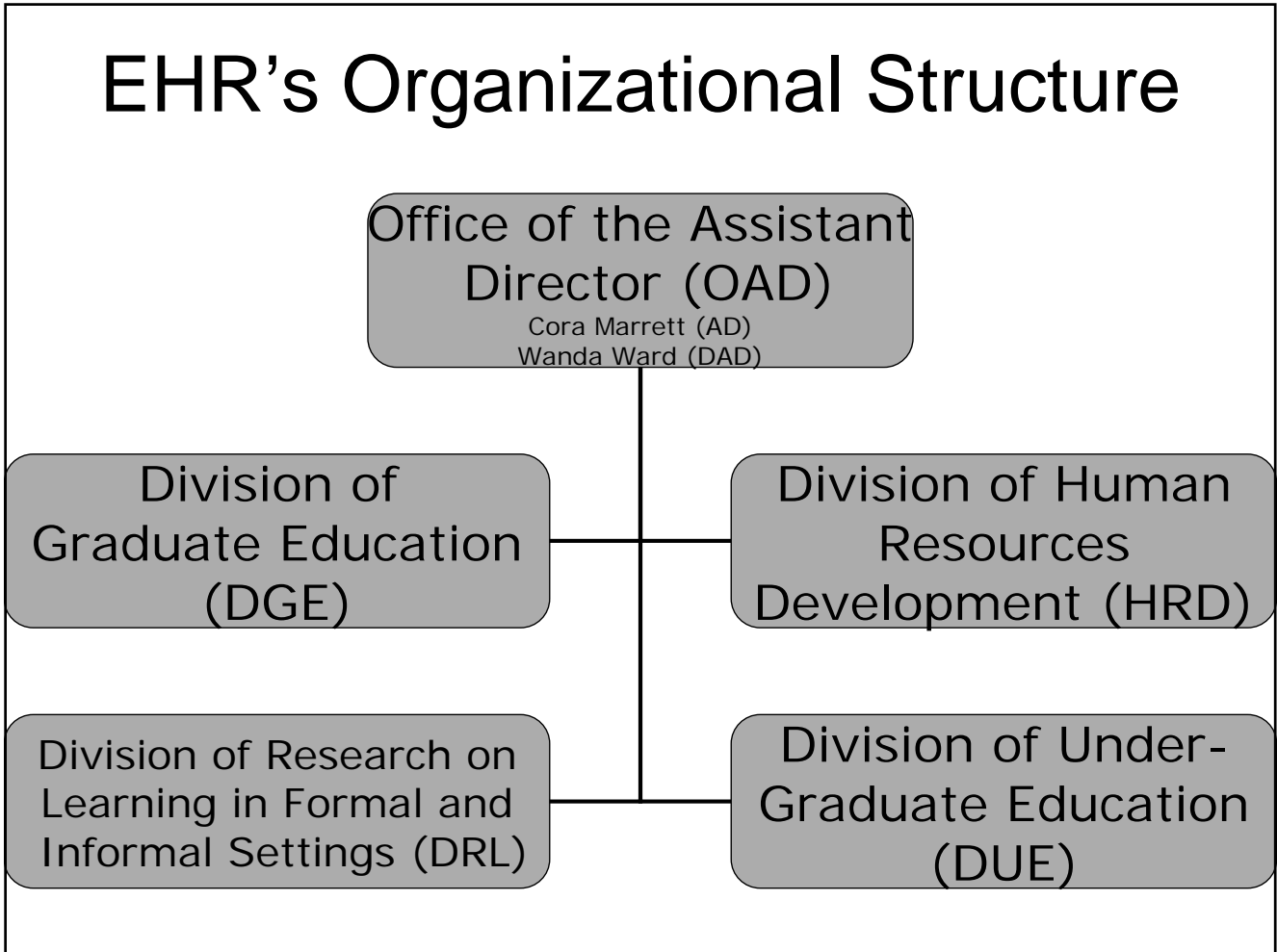


Education and Human Resources Directorate (EHR)

Regional Grants Conference
Omaha, NE
October 20&21, 2008
Jolene Kay Jesse

EHR's Organizational Structure



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

- Broadening Participation
- Enriching Teacher Education
- Ensuring a Vibrant Scientific Workforce
- Promoting Cyber-enabled Learning
- Furthering Public Understanding and Advancing STEM Literacy
- Promoting Learning through Research and Evaluation

Division of Graduate Education

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

Integrative Graduate Education and Research Traineeship Program (IGERT)

08-540 Solicitation

DUE DATES

Preliminary Proposal Deadline: April 24, 2008

IGERT Traineeship preliminary proposals

Full Proposal Deadline: October 20, 2008

IGERT Traineeship full proposals (By Invitation Only)

Graduate Research Fellowship Program (GRFP)

08-593 Solicitation

DUE DATES

Interdisciplinary Fields of Study: November 03, 2008

**Mathematical Sciences; Computer and Information Sciences and
Engineering: November 05, 2008**

Social Sciences; Psychology; Geosciences: November 06, 2008

Life Sciences: November 07, 2008

Chemistry; Physics and Astronomy: November 10, 2008

Engineering: November 12, 2008

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: March 6, 2009
Bridge to the Doctorate

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 Technological Education

07-530 Solicitation

DUE DATES

Preliminary Proposal Deadline Date :

April 23, 2009

Preliminary proposals are optional, but strongly recommended, especially for institutions or departments that have not previously submitted to the ATE program. Please see the full text of this solicitation for further information.

Full Proposal Deadline:

October 15, 2009

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

08-609 Solicitation

DUE DATES

Full Proposal Deadline:

January 8, 2009

January 07, 2010

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.

Research and Evaluation on Education in Science and Engineering (REESE)

08-585 Solicitation

DUE DATES

**Letter of Intent Due Date(s) (*optional*)
(due by 5 p.m. proposer's local time):**

- October 17, 2008
- October 09, 2009

**Full Proposal Deadline(s) (due by 5 p.m.
proposer's local time):**

- November 21, 2008
- November 12, 2009

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**

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

**Second Thursday in February,
annually thereafter**

**Federal Cyber Service: Scholarship
for Service (SFS)**

08-600 Solicitation

DUE DATES

**Full Proposal Deadline:
December 02, 2008**

Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)

08-569 Solicitation

DUE DATE:

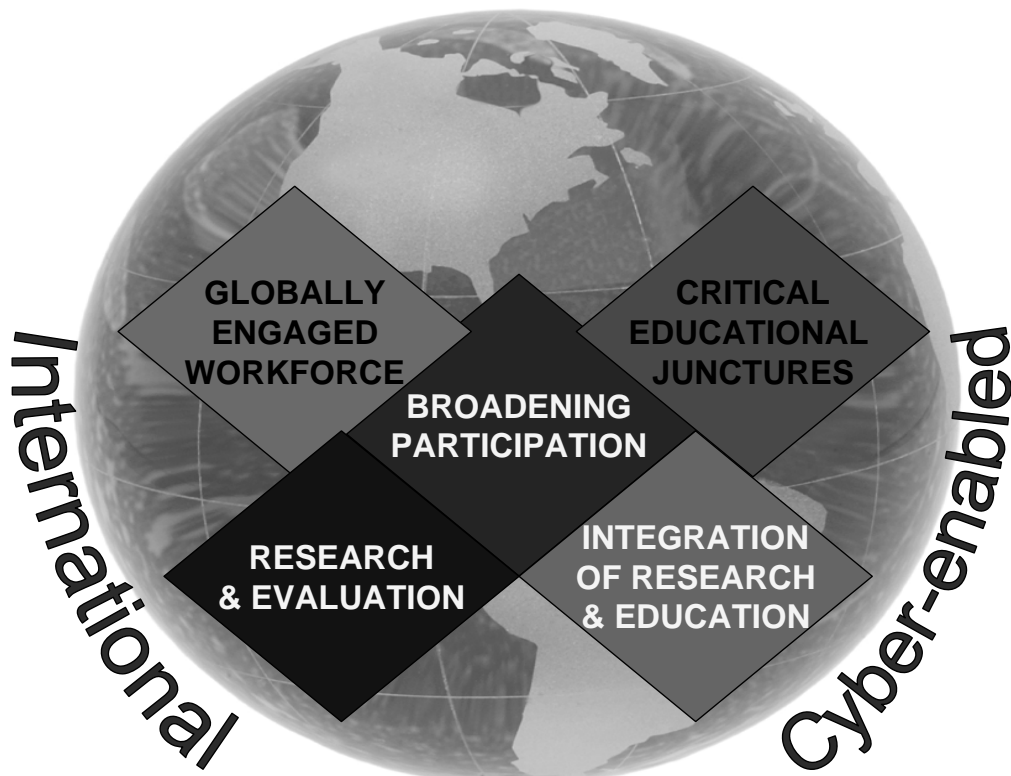
**Letter of Intent Due Date(s) (*optional*) (due
by 5 p.m. proposer's local time):**

- August 18, 2009
- August 17, 2010

**Full Proposal Deadline(s) (due by 5 p.m.
proposer's local time):**

- September 29, 2009
- September 28, 2010

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 2009, proposals will be solicited
in 9 programs:

- CREST, GSE, HBCU-UP, ITEST, LSAMP,
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