

Crosscutting and Special Interest Programs

NSF Regional Grants Conference

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Ask Us Early, Ask Us Often!!

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Funding



Funding

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Crosscutting and NSF-wide Active Funding Opportunities

This site provides program information for activities sponsored by more than one NSF organization. In addition, all NSF organizations accept proposals that cut across organizational and programmatic boundaries. We suggest that those seeking support for interdisciplinary work not described here consult the NSF program site(s) closest to the science, engineering or education focus of the planned work and contact relevant program officers to discuss submission of a proposal.

Key: **C** [Crosscutting](#) | **N** [NSF-wide](#)

Status:

Sorted by Title. Click column headings to sort.

Title	Program Guidelines	Due Dates
ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers C N	05-584	Full Proposal: January 27, 2006
Assembling the Tree of Life (ATOL) C	05-523	Full Proposal: March 27, 2006
Collaboration in Mathematical Geosciences (CMG) C	05-535	Full Proposal: February 1, 2006
Collaborative Research in Computational Neuroscience (CRCNS) C	04-514	Letter of Intent: December 1, 2005 Full Proposal: January 5, 2006
Communicating Research to Public Audiences N	03-509	

Programs for Specific Groups/Purposes

- Grant Opportunities for Academic Liaison with Industry (GOALI)
- Research in Undergraduate Institutions (RUI)
- Major Research Instrumentation (MRI)
- Integrative Graduate Education and Research Traineeship (IGERT)
- Faculty Early Career Development (CAREER) Program
- Research Experiences for Undergraduates (REU)
- NSF Graduate Teaching Fellows in K-12 Education
- ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers
- Human and Social Dynamics (HSD)

Grant Opportunities for Academic Liaison with Industry (GOALI)

Program Solicitation:

[NSF 98-142](#)

Website:

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf98142

Deadlines & Contact Information:

Contact Disciplines

Grant Opportunities for Academic Liaison with Industry (GOALI)

➤ Goals:

- Catalyze industry-university partnerships
- Encourage innovative application of academe's intellectual capabilities
- Bring industry's perspective and integrative skills to academe
- Promote high quality research and broaden educational experiences in industrial settings

➤ Proposal Requirements:

- Co-PI from industry
- Industry-university agreement on Intellectual Property
- Statement describing the industrial R&D contribution
- Specific plan for industry/university interaction

Grant Opportunities for Academic Liaison with Industry (GOALI)

- Cost Sharing:
 - Required for faculty internships and postdoctoral visits for Faculty in Industry awards
- Eligibility Restrictions:
 - U.S. institutions of higher education that confer degrees in research areas normally supported by NSF may submit proposals on behalf of faculty members with full-time appointments
 - Only U.S. citizens or permanent residents eligible for fellowships

Research in Undergraduate Institutions (RUI)

Program Solicitation:

[NSF 00-144](#)

Website:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5518&from=fund

Deadlines and Contacts:

Contact discipline

Research in Undergraduate Institutions (RUI)

➤ Goals

- Support high quality research with active involvement of undergraduates
- Strengthen the research environment in undergraduate institutions
- Promote integration of research and education in undergraduate institutions

Research in Undergraduate Institutions (RUI)

➤ Eligibility:

- 20 or fewer Science and Engineering Ph.D. in 2 years

➤ Proposal Types:

- Regular research
- Multi-user instrumentation
- Research Opportunity Awards



Major Research Instrumentation (MRI)

Program Solicitation:

[NSF 05-515](#)

Website:

<http://www.nsf.gov/od/oia/programs/mri/>

Deadlines:

Fourth Thursday in January

Contact Information:

Phone: (703) 292-8040

E-mail: mri@nsf.gov

Major Research Instrumentation (MRI)

- Goal - to increase access to scientific and engineering equipment in U.S. academic institutions.
- Supports instrument acquisition and development.
- Three proposals per institution.
- Award size - \$100,000 to \$2 million

Integrative Graduate Education and Research Traineeship (IGERT)

Program Solicitation:

[NSF 05-517](#) (FY 2006 solicitation under development)

Website:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12759&org=NSF

Deadlines:

Preliminary Proposal: February 24, 2005
Full Proposal (invitation only): August 5, 2005

Contact Information:

Coordinating Committee members are listed on the IGERT web page:
<http://www.nsf.gov/crssprgm/igert/cc.jsp>

Integrative Graduate Education and Research Traineeship (IGERT)

➔ Goals

- To catalyze a cultural change in graduate education, for students, faculty, and institutions, by establishing innovative new models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries.
- To facilitate diversity in student participation and preparation, and to contribute to the development of a diverse, globally-engaged, science and engineering workforce.

Integrative Graduate Education and Research Traineeship (IGERT)

➔ Proposals should:

- Be integrative, research-based, graduate education and training activities in emerging areas of science and engineering
- Be organized around an interdisciplinary theme involving a diverse group of faculty members and other investigators with appropriate expertise in research and teaching
- Provide students with experience relevant to both academic and nonacademic careers

➔ Awards:

- For new projects, the first year award will be up to \$300,000 and in amounts up to \$600,000 for each of the next four years
- For renewals, awards will be made in amounts up to \$600,000 per year for a duration of five years

Faculty Early Career Development (CAREER) Program

Program Solicitation:

[NSF 05-579](#)

Website:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5262

Deadlines:

BIO/CISE/EHR: July 18, 2006

ENG: July 19, 2006

GEO/MPS/SBE/OPP: July 20, 2006

Contact Information:

Division CAREER contacts listed on the CAREER Web page:

<http://www.nsf.gov/crssprgm/career/contacts.jsp>

Faculty Early Career Development (CAREER) Program

➤ CAREER Program Objectives

- Strongly encourage new faculty, emphasizing planning of an integrated academic career
- Develop faculty who are both highly productive researchers and dedicated, effective educators
- Form partnership with college or university to encourage balanced career development of individual faculty
- Increase participation of women, members of underrepresented minority groups, and persons with disabilities

Faculty Early Career Development (CAREER) Program

► CAREER Guidelines

- Review process varies by Directorate, and may be by mail, panel, or combination
- Normal indirect cost rate applies
- 5 year duration
- Minimum Award: \$400K over 5 years (Proposers to the Biological Sciences Directorate (BIO) must submit budget requests for a minimum of \$500K for the 5-year duration).

Faculty Early Career Development (CAREER) Program

- CAREER Development Plan should include:
 - The objectives and significance of the proposed integrated research and education activities;
 - The relation of the research to the current state of knowledge in the field and of the education activities to the current state of knowledge on effective teaching and learning in one's field of study;
 - An outline of the plan of work, describing the methods and procedures to be used, including evaluation of the education activities;

Faculty Early Career Development (CAREER) Program

- CAREER Development Plan should also include:
 - An outline of the plan of work, describing the methods and procedures to be used, including evaluation of the education activities;
 - The relation of the plan to the PI's career goals and job responsibilities and the goals of his/her institution; and
 - A summary of prior research and education accomplishments

Research Experiences for Undergraduates (REU)

Program Solicitation:

[NSF 05-592](#)

Website:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&from=fund

Deadlines:

REU Sites: August 17, 2006

REU Sites (Antarctic Program): June 7, 2006

REU Supplements: Contact Discipline

Contact Information:

NSF Contacts can be found at:

http://www.nsf.gov/crssprgm/reu/reu_contacts.jsp

Research Experiences for Undergraduates (REU)

➤ REU Sites

- Goals:
 - Initiate and conduct undergraduate research-participation projects
 - Create research environment with strong faculty-student interaction
- Recruitment:
 - Significant percentage of students from outside host institution

Research Experiences for Undergraduates (REU)

- ➔ REU Supplements
 - Goal:
 - Attract undergraduates into science by providing an active research experience
 - Guidelines:
 - Add one or two students to an active ongoing project
 - Must be U.S. citizen or permanent resident
 - No indirect costs (administrative allowance of 25% of student stipend)
 - Awards 6K
 - Ask Program Officer about due dates

NSF Graduate Teaching Fellows in K-12 Education

Program Solicitation:

[NSF 05-553](#)

Website:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5472

Deadlines:

Letter of Intent: May 4, 2005
Full Proposal: June 2, 2005

Contact Information:

Sonia Ortega (EHR):

Phone: (703) 292-5198

E-mail: sortega@nsf.gov

Carolyn Piper (EHR)

Phone: (703) 292-8697

E-mail: cpiper@nsf.gov

NSF Graduate Teaching Fellows in K-12 Education

- ➔ Focus
 - STEM fellows serve in K-12 schools as resources
- ➔ Awards
 - 200-500K per year for up to 3 years
- ➔ Eligibility
 - STEM Master's and Doctoral degree granting institutions

NSF Graduate Teaching Fellows in K-12 Education

➔ Expected Outcomes:

- Improved communication and teaching skills for fellows
- Enriched learning by K-12 students
- Professional development opportunities for K-12 teachers
- Strengthened partnerships between institutions of higher education and local school districts

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

Program Solicitation:

[NSF 05-584](#)

Website:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5383

Deadlines:

July 15, 2005:

July 20, 2005 :

January 27, 2006:

Leadership Awards:

Institutional Transformation Awards

Partnerships for Adaptation, Implementation,
and Dissemination

Contact Information:

Alice Hogan (SBE): (703) 292-7238; ahogan@nsf.gov

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

➤ Goal:

- Increase the representation and advancement of women in academic S&E careers, thereby contributing to the development of a more diverse S&E workforce

ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

➤ Three Types of Awards

- Institutional Transformation
 - Improve institutional climate
- Leadership
 - Recognize contributions by individuals and institutions, and enable further progress
- Partnerships for Adaptation, Implementation, and Dissemination
 - Supports the analysis, adaptation, dissemination and use of existing innovative materials and practices that have been demonstrated to be effective in increasing representation and participation of women in academic science and engineering careers

Human and Social Dynamics (HSD)

Program Solicitation:

[NSF 05-520](#) (FY 2006 solicitation under development)

Website:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11678&from=fund

Deadlines:

Exploratory Proposals:	August 17, 2005
Full Research Proposals:	February 23, 2005

Contact Information:

NSF Contacts can be found at:

<http://www.nsf.gov/crssprgm/hsd/contacts.jsp>

Human and Social Dynamics (HSD)

- Aims to stimulate and support growth in knowledge about human action and development as well as organizational, cultural and societal adaptation and change
- About \$17.5 million in FY2005 funds
- Second Year Emphases:
 - Agents of Change (AOC)
 - Dynamics of Human Behavior (DHB)
 - Decision Making, Risk, and Uncertainty (DRU)