



Crosscutting Programs NSF-Day Workshop

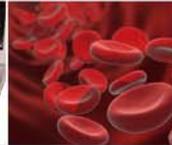
November 8, 2012

NCURA 54TH Annual Meeting
Washington, DC





WHERE DISCOVERIES BEGIN



Panelists

Dragana Brzakovic

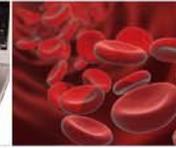
Senior Staff Associate, Office of the Director, Office of Integrative Activities

Jolene Jesse

Program Director, Directorate for Education & Human Resources (EHR), Division of Human Resource Development (HRD).

Jacqueline Meszaros

Science & Engineering Policy Analyst, National Science Board



Topics Covered

- **ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers**
- **Integrative Graduate Education & Research Traineeship Program (IGERT)**
- **Research Experiences for Undergraduates (REU)**
- **Research in Undergraduate Institutions (RUI)**
- **Ethics Education in Science and Engineering (EESE)**
- **Research Coordination Networks (RCN)**
- **Grant Opportunities for Academic Liaison with Industry (GOALI)**
- **Innovation Corps Program (I-Corps)**
- **Major Research Instrumentation (MRI)**



WHERE DISCOVERIES BEGIN



Find Funding for Crosscutting Programs

Go to http://www.nsf.gov/funding/pgm_list.jsp?type=xcut

National Science Foundation
WHERE DISCOVERIES BEGIN

QUICK LINKS

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Email Print Share

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.

Org: Status:

Get Crosscutting Program Annncmts & Info Updates by Email |

Sorted by Title. Click column headings to sort.

Key: Crosscutting | NSF-wide | Grants.gov submission required

Title	Program Guidelines	Due Dates
Academic Research Infrastructure Program: Recovery and Reinvestment (ARI-R2)	09-562	Current but no longer receiving proposals
Active Nanostructures and Nanosystems (ANN) (SNM)	06-595	
ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers	12-584	Letter of Intent: October 5, 2012 Full Proposal: November 8,



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

National Science Foundation
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Award and Administration
Award and Administration Guide

NSF-wide

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

ADVANCE Program Information

Additional information about this NSF-wide program including information about ADVANCE awards, ADVANCE Implementation Committee members, and products, tools, and resources can be found [here](#).

CONTACTS

Name	Email	Phone	Room
Kelly Mack	kmack@nsf.gov	(703) 292-8575	815N
Beth Mitchneck	bmitchne@nsf.gov	(703) 292-4684	815N
Mary Moriarty	mmoriart@nsf.gov	(703) 292-4684	
Jolene K. Jesse	jjesse@nsf.gov	(703) 292-7303	
Patricia Simms	psimms@nsf.gov	(703) 292-7869	815N
Cynthia R. Douglas	cdouglas@nsf.gov	(703) 292-5175	815N

PROGRAM GUIDELINES

Solicitation [12-584](#)

DUE DATES

Letter of Intent Deadline Date: October 5, 2012
Partnerships for Adaptation, Implementation and Dissemination (PAID)

• Contact:

- Kelly Mack: (703) 292-8575;
kmack@nsf.gov
- Beth Mitchneck: (703) 292-4684;
bmitchne@nsf.gov
- Mary Moriarty: (703) 292-4684;
mmoriart@nsf.gov
- Jolene Jesse: (703) 292-7303;
jjesse@nsf.gov
- Patricia Simms: (703) 292-7869;
psimms@nsf.gov
- Cynthia Douglas: (703) 292-5175;
cdouglas@nsf.gov

• Deadline:

- For full proposal: November 8, 2012

• Current solicitation number: 12-584

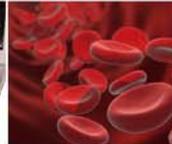


ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers

- **Program Goal:**
 - To develop systemic approaches to increase the representation and advancement of women in academic STEM careers.
 - To contribute to and inform the general knowledge base on gender equity in the academic STEM disciplines.
- **Projects Supported in 2011-2012**
 - Institutional Transformation (IT) Projects systemically and permanently change institutional practices to promote women in STEM academics.
 - IT-Catalyst Projects support the evaluation of current institutional activities to identify areas for transformation and cultural change.
 - Partnerships for Adaptation, Implementation, and Diffusion (PAID) Projects adapt, implement, and/or distribute exemplary programs, policies, and practices to new institutions or settings.
- **ADVANCE does not support activities to increase or retain the number of women entering into or persisting in STEM doctoral degree programs.**



WHERE DISCOVERIES BEGIN



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

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

PROGRAM SOLICITATION
NSF 12-584

REPLACES DOCUMENT(S):
NSF 10-593



National Science Foundation

Directorate for Education & Human Resources
Division of Human Resource Development

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of Cyberinfrastructure

Office of International Science and Engineering

Office of Polar Programs

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

Estimated Number of Awards: 22

Anticipated Funding Amount: \$9.9 million



Integrative Graduate Education and Research Traineeship (IGERT)

National Science Foundation
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Award Conditions

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NSF-wide

Integrative Graduate Education and Research Traineeship Program (IGERT)

CONTACTS

Name	Email	Phone	Room
Richard Boone	igert@nsf.gov	(703) 292-8696	875
Carol F. Stool	igert@nsf.gov	(703) 292-8696	875

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

PROGRAM GUIDELINES

Solicitation [11-533](#)

SYNOPSIS

The Integrative Graduate Education and Research Traineeship (IGERT) program has been developed to meet the challenges of educating U.S. Ph.D. scientists and engineers with interdisciplinary backgrounds, deep knowledge in chosen disciplines, and technical, professional, and personal skills. The program is intended to establish new models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries. It is also intended to facilitate diversity in student participation and preparation, and to contribute to a world-class, broadly inclusive, and globally engaged science and engineering workforce.

Building upon the IGERT platform, the purpose of this IGERT solicitation is to support new models in graduate education in which students are engaged in an environment that supports innovation to learn through hands-on experience how their own research may contribute in new ways to benefit society and to learn the processes for the successful implementation of such contributions.

- Coordinating Committee members are listed at: <http://www.nsf.gov/crssprgm/igert/cc.jsp>
- Deadlines:
 - Letter of Intent: May 1, 2012
 - Full proposal: July 2, 2012
- Current solicitation number: 11-533
- New solicitation being developed



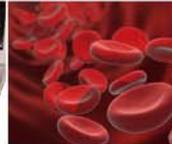
Integrative Graduate Education and Research Traineeship (IGERT)

- **Program Goals:**

- To meet the challenges of educating U.S. Ph.D. scientists and engineers who will pursue careers in research and education with interdisciplinary backgrounds; deep knowledge in chosen disciplines; and the technical, professional, and personal skills.
- To catalyze a cultural change in graduate education for students, faculty, and institutions by establishing innovative models for graduate education and training in a fertile environment for collaborative research that transcends traditional disciplinary boundaries.
- To contribute to a world-class, broadly inclusive, and globally engaged science and engineering workforce.



WHERE DISCOVERIES BEGIN



Integrative Graduate Education and Research Traineeship (IGERT)

Integrative Graduate Education and Research Traineeship Program (IGERT)

PROGRAM SOLICITATION

NSF 11-533

REPLACES DOCUMENT(S):

NSF 10-523



National Science Foundation

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Office of Cyberinfrastructure

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Office of Integrative Activities

Office of International Science and Engineering

Directorate for Mathematical & Physical Sciences

Office of Polar Programs

Directorate for Social, Behavioral & Economic Sciences

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

May 02, 2011

May 01, 2012

Estimated Number of Awards: 18

Anticipated Funding Amount: \$13.5 million



Integrative Graduate Education and Research Traineeship (IGERT)

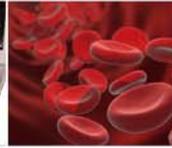
- **Eligibility Information:**
 - **Academic institutions in the U.S., its territories, or possessions that grant the Ph.D. degree in the sciences and engineering may submit proposals. The lead institution must grant the Ph.D. degree in at least one of the STEM fields supported by NSF and at least one Ph.D. granting unit should participate in the IGERT. Non-Ph.D. granting institutions, nonacademic, and international organizations may serve as collaborating organizations.**
 - **The PI must be on the faculty of the submitting institution.**
 - **There is a limit of one proposal that may be submitted by an institution either as a single institution or as a lead institution in a multi-institution proposal.**
 - **Any given individual may participate as PI or co-PI in only one proposal submission. A PI or co-PI on one proposal may serve as a faculty participant on other proposals.**



Research Experiences for Undergraduates (REU)

The screenshot shows the NSF website's 'Funding' section for REU. The header includes the NSF logo and 'WHERE DISCOVERIES BEGIN'. A search bar and 'QUICK LINKS' are in the top right. A navigation menu includes 'HOME', 'FUNDING', 'AWARDS', 'DISCOVERIES', 'NEWS', 'PUBLICATIONS', 'STATISTICS', 'ABOUT NSF', and 'FASTLANE'. The main content area is titled 'Research Experiences for Undergraduates (REU)' and includes a 'NOTE ON THE PROPOSAL DEADLINE FOR REU SITES' and a 'NOTE ON INDIRECT COSTS IN REU SITE PROPOSALS'. A sidebar on the left contains links for 'Find Funding', 'A-Z Index of Funding Opportunities', 'Recent Funding Opportunities', 'Upcoming Due Dates', 'Advanced Funding Search', 'Interdisciplinary Research', 'How to Prepare Your Proposal', 'About Funding', 'Proposals and Awards', and 'Proposal and Award Policies and Procedures Guide'.

- **Contact Information:**
http://www.nsf.gov/crssprgm/reu/reu_contacts.jsp
- **Deadlines:**
 - **Full Proposal for REU Sites (Antarctica): May 24, 2013**
 - **Full Proposal for REU Sites (non-Antarctica): August 28, 2013**
- **Current solicitation number: 12-569**



Research Experiences for Undergraduates (REU)

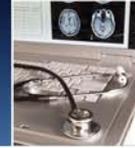
- **REU Sites:**

- **Program Goals:**

- To initiate and conduct projects that engage a number of undergraduate students in research.
- To involve students in research who might not otherwise have the opportunity, particularly those from academic institutions where research programs are limited.

- **Recruitment:**

- Significant percentage of students from outside host institution.



Research Experiences for Undergraduates (REU)

- **REU Supplements:**

- **Program Goal:**

- To provide support for one or two undergraduate students to participate in research, as part of a new or ongoing NSF-funded research project.

- **REU Special Opportunities:**

- Partnership with the Department of Defense
- Cyberinfrastructure
- International Projects
- Ethics in Science and Engineering
- Research Experiments for Teachers
- REU Supplements for Evaluative Research Experiences



Research Experiences for Undergraduates (REU)

Research Experiences for Undergraduates (REU)

Sites and Supplements

PROGRAM SOLICITATION
NSF 12-569

REPLACES DOCUMENT(S):
NSF 09-598



National Science Foundation

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of Cyberinfrastructure

Office of International Science and Engineering

Office of Polar Programs

- REU activity may be funded in several different ways:
 - A standard or continuing grant (for REU Sites)
 - A supplement to an existing award
 - A component of a new or renewal grant or cooperative agreement

- Estimated Number of Awards: 1,750 to 1,800
 - Estimate includes approximately 180 new site awards and 1,600 new supplement awards.
- Anticipated Funding Amount: \$68.4 million in FY 2013
 - Estimate includes both sites and supplements.



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Research in Undergraduate Institutions (RUI)

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Crosscutting/NSF-wide
Facilitating Research at Primarily Undergraduate Institutions: (RUI)

CONTACTS

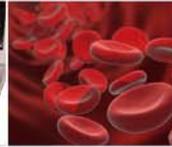
Name	Dir/Div	Name	Dir/Div
Edward Taylor	MPS/DMS	Henry N. Blount	
Harriet G. Taylor	CISE/CNS	Richard J. Fraquezzy	ENG/EFRI
Jill L. Karsten	GEO/OAD	Michael Mishkind	BIO/IOS
Julie M. Palais	OD/OPP		

PROGRAM GUIDELINES
Announcement [00-144](#)

DUE DATES
Full Proposal Accepted Anytime

Many NSF programs have deadlines or target dates to allow time for consideration by review panels that meet periodically. Proposals must be submitted by the investigator's home institution in accordance with the target dates or deadlines, if any, of the NSF disciplinary program in the proposed research area. To confirm a date, refer to the program's page on the NSF Web site (<http://www.nsf.gov/>) or to the NSF E-Bulletin, at <http://www.nsf.gov/home/ebulletin/>. Inquiries about deadlines may be made also to the appropriate research program officer. Such inquiries are especially important for shared-use instrumentation proposals, which are sometimes funded cooperatively by two or more programs, depending upon the disciplinary mix of the users. Some programs require the submission of preliminary proposals prior to the submission of full proposals, with due dates posted on program Web sites and in the NSF E-Bulletin.

- Contact discipline for deadlines and contact information.
- Current solicitation number: 00-144
- New solicitation being developed



Research in Undergraduate Institutions (RUI)

- **Program Goals:**
 - To support high quality research with active involvement of undergraduates.
 - To strengthen the research environment in undergraduate institutions.
 - To promote integration of research and education in undergraduate institutions.
- **Proposal Types:**
 - Regular research
 - Multi-user instrumentation
 - Research opportunity awards
- **Eligibility Information:**
 - Institutions that award an average of 10 or fewer Ph.D or D.Sc. Degrees per year in all NSF-supportable disciplines are eligible.



WHERE DISCOVERIES BEGIN



Ethics Education in Science & Engineering (EESE)

Funding

Ethics Education in Science and Engineering (EESE)

CONTACTS

Name	Dir/Div	Name	Dir/Div
Myles Boylan	EHR/DUE	Tom Carruthers	MPS/PHY
Ephraim Glinert	CISE/IIS	Jill Karsten	GEO/OAD
Susan C. Kemnitzer	ENG/ECCS	Carter Kimsey	OD/OISE
Marshall M. Lih		Vanessa Richardson	
Carol F. Stoeel	EHR/DGE		

PROGRAM GUIDELINES

Solicitation [11-514](#)

DUE DATES

Full Proposal Deadline Date: March 1, 2013

SYNOPSIS

The Ethics Education in Science and Engineering (EESE) program funds research and educational projects that improve ethics education in all fields of science and engineering that NSF supports, with priority consideration given to interdisciplinary, inter-institutional, and international contexts. Although the primary focus is on improving ethics education for graduate students in NSF-funded fields, the proposed programs may

• Contact disciplines for deadlines and contact information.

• Deadlines: March 1, 2013

• Current solicitation number: 11-514



Ethics Education in Science & Engineering (EERE)

- **Program Goal:**
 - To fund research and educational projects that improve ethics education in all fields of science and engineering that NSF supports, with priority consideration given to interdisciplinary, inter-institutional, and international contexts.
- **Eligibility Information:**
 - Only colleges and universities located and accredited in the U.S. or U.S.-based professional associations are eligible to apply to this program.
 - NSF expects project teams to include persons with appropriate expertise.
 - An eligible organization may submit only one proposal as the lead organization.



WHERE DISCOVERIES BEGIN



Ethics Education in Science & Engineering (EESE)

Ethics Education in Science and Engineering (EESE)

PROGRAM SOLICITATION

NSF 11-514

REPLACES DOCUMENT(S):

NSF 08-530



National Science Foundation

Directorate for Social, Behavioral & Economic Sciences

Division of Social and Economic Sciences

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Office of International Science and Engineering

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

March 14, 2011

**Estimated Number
of Awards: 6 to 10**

**Anticipated
Funding Amount:
\$3 million**



Research Coordination Networks (RCN)

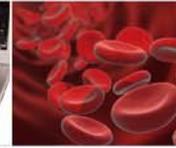
The screenshot shows the NSF website's 'Funding' section. The main heading is 'Research Coordination Networks (RCN) (RCN)'. Below it, there is a 'Special Announcement for RCN-SEES proposals' section. The text states: 'Proposers submitting to targeted track RCN-SEES, should select "Research Coordination Networks program" from the FastLane menu during online submission. Second step is to choose a Division. If you are in a field of science supported by the Directorate for Biological Sciences, choose DBI. All other fields of science should choose CBET. Either option will assign proposals to the correct Unit of Consideration but BIO's required "Proposal Classification Form" will be available in the Form Preparation selector page when DBI is the designated Division.'

Below the announcement, there are sections for 'CONTACTS', 'PROGRAM GUIDELINES', and 'DUE DATES'. The 'CONTACTS' section includes the URL http://www.nsf.gov/bio/ef/rcn_sees_contacts_2011.htm. The 'PROGRAM GUIDELINES' section includes the solicitation number [11-531](#). The 'DUE DATES' section states: 'Full Proposal Accepted Anytime General (non-targeted) RCN proposals should be submitted to a participating program in BIO, GEO, SBE, OCI or OPP. Refer to the specific program website for submission dates. PIs are encouraged to discuss suitability of an RCN topic with the program. Full Proposal Deadline Date: February 4, 2013 RCN SEES Track'. A final note says: 'Each of the targeted RCN tracks have specific annual deadlines; proposals for these tracks should be submitted to the RCN solicitation.'

- RCN contact information is available at: http://www.nsf.gov/bio/ef/rcn_sees_contacts_2011.htm
- **Deadlines:**
 - For general (non-targeted) RCN: **Contact individual program for due dates**
 - For targeted tracks:
 - RCN SEES: Feb 4, 2013
- **Current solicitation number: 11-531**
- **New solicitation being developed**



WHERE DISCOVERIES BEGIN



Research Coordination Networks (RCN)

- **Program Goals:**

- **To advance a field or create new directions in research or education; innovative ideas for implementing novel networking strategies are especially encouraged.**

- **To communicate and coordinate groups of investigators in their research, training, and educational activities across disciplinary, organizational, geographic, and international boundaries.**

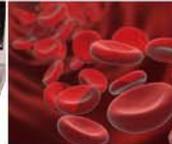


Research Coordination Networks (RCN)

- **Additional targeted tracks within the RCN programs are intended to foster linkages across selected directorates:**
 - **Science, Engineering, and Education for Sustainability (RCN-SEES):** Focuses on interdisciplinary topics that will advance sustainability science, engineering and education as an integrative approach to the challenges of adapting to environmental, social and cultural changes associated with growth and development of human populations, and attaining a sustainable energy future.
 - **Undergraduate Biology Education (RCN-UBE):** Focuses on any topic likely to lead to improved participation, learning, or assessment in undergraduate biology curricula.



WHERE DISCOVERIES BEGIN



Research Coordination Networks (RCN)

Research Coordination Networks (RCN)

PROGRAM SOLICITATION

NSF 11-531

REPLACES DOCUMENT(S):

NSF 10-566



National Science Foundation

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of Cyberinfrastructure

Office of International Science and Engineering

Office of Polar Programs

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

May 24, 2011

RCN SEES Track

June 15, 2011

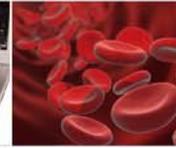
RCN UBE and UBE Incubator Track

February 03, 2012

Estimated Number of Awards: 15 to 25

Anticipated Funding Amount:

**\$7,500,000 to \$17,500,000
(pending availability of funding)**



Research Coordination Networks (RCN)

- **Eligibility Information:**

- **Proposals may only be submitted by the following:**

- **Non-profit, non-academic organizations (e.g., independent museums, observatories, research labs, professional societies) in the U.S. associated with educational or research activities.**
- **Universities and two- and four-year colleges (including community colleges) accredited in, and having a campus located in the U.S., acting on behalf of their faculty members.**



WHERE DISCOVERIES BEGIN



Grant Opportunities for Academic Liaison with Industry (GOALI)

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NSF-wide

Grant Opportunities for Academic Liaison with Industry (GOALI)

CONTACTS

Name	Email	Phone	Room
Donald Senich	dsenich@nsf.gov	(703) 292-7082	575S
Dean M. Evasius	devasius@nsf.gov	(703) 292-8132	
William S. Bainbridge	wbainbri@nsf.gov	(703) 292-8930	1125S
John C. Cherniavsky	jchernia@nsf.gov	(703) 292-5136	855S
Leonard E. Johnson	lejohnso@nsf.gov	(703) 292-8559	785S
Graham M. Harrison	gharriso@nsf.gov	(703) 292-7252	115S
Fahmida N. Chowdhury	fchowdhu@nsf.gov	(703) 292-4672	905N
Diane J. Okamura	dokamuro@nsf.gov	(703) 292-4400	690N

PROGRAM GUIDELINES

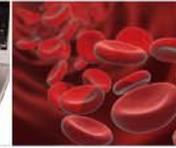
Solicitation [12-513](#)

DUE DATES

Full Proposal Accepted Anytime
Please contact the appropriate disciplinary program office to obtain information about current deadline dates.

Supplement Accepted Anytime
Please discuss with the appropriate disciplinary program office prior to submitting a request for supplemental funding.

- Contact disciplines for deadlines and contact information
- Current solicitation number: 12-513



Grant Opportunities for Academic Liaison with Industry (GOALI)

- **Program Goals:**
 - To promote university-industry partnerships by making project funds or fellowships/traineeships available to support an eclectic mix of industry-university linkages.
 - To fund research that lies beyond that which industry would normally fund by themselves.
- The solicitation targets high-risk/high-gain research with a focus on fundamental topics, new approaches to solving generic problems, development of innovative collaborative industry-university educational programs, and direct transfer of new knowledge between academe and industry.



WHERE DISCOVERIES BEGIN



Grant Opportunities for Academic Liaison with Industry (GOALI)

Grant Opportunities for Academic Liaison with Industry (GOALI)

PROGRAM SOLICITATION

NSF 12-513

REPLACES DOCUMENT(S):

NSF 10-580



National Science Foundation

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of International Science and Engineering

Supplement Due Date(s) (due by 5 p.m. proposer's local time):

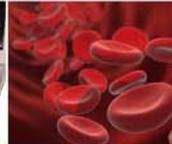
Proposals Accepted Anytime

Estimated Number of Awards: 60 to 80

Anticipated Funding Amount: \$5 million



WHERE DISCOVERIES BEGIN



Grant Opportunities for Academic Liaison with Industry (GOALI)

- **Eligibility Information:**
 - For fellowships/traineeships, only U.S. citizens, nationals, or permanent residents are eligible to apply for support under this program.
 - NSF funds cannot go to an industry partner; they can only be used by the academic institution. The industry partner is expected to participate in the research effort to facilitate in the commercialization of the research.



WHERE DISCOVERIES BEGIN



Innovation Corps Teams Program (I-Corps Teams)

The screenshot shows the NSF website's 'Funding' section for the Innovation Corps Teams Program. It includes a search bar, navigation menu, and a table of contact information for program staff.

NSF-wide
Innovation Corps Teams Program (I-Corps Teams)

CONTACTS

Name	Email	Phone	Room
Errol B. Arkilic	earkilic@nsf.gov	703 292-8095	
Rathindra DasGupta	rdasgupt@nsf.gov	703 292-8353	
Anita J. La Salle	alasalle@nsf.gov	703 292-5006	

PROGRAM GUIDELINES
 Solicitation [12-602](#)

DUE DATES

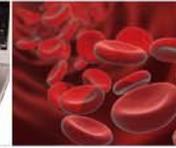
Full Proposal Window: October 1, 2012 - December 17, 2012
 Please note: These are broad submission dates. Refer to Section II. Program Description and the I-Corps website: <http://www.nsf.gov/i-corps-home> where additional information is available describing dates of mandatory curriculum and proposal submission.
 October 1 - December 15, Annually Thereafter

Full Proposal Window: January 1, 2013 - March 15, 2013
 January 1 - March 15, Annually Thereafter

Full Proposal Window: April 1, 2013 - June 17, 2013
 April 1 - June 15, Annually Thereafter

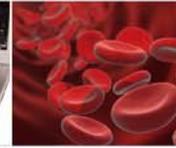
Full Proposal Window: July 1, 2013 - September 16, 2013
 July 1 - September 15, Annually Thereafter

- I-Corp Teams contact information is available at: www.nsf.gov/funding/pgm_summ.jsp?pims_id=504672&org=NSF&selorg=XCUT&from=fund
- **Submission Windows:**
 October 1, 2012-December 17, 2012
 January 1, 2013-March 15, 2013
 April 1, 2013-June 17, 2013
 July 1, 2013-September 16, 2013
- **Current solicitation number:**
 12-602
- **Estimated number of awards:**
 250
- **Anticipated funding amount:**
 12.5 million



Innovation Corps Teams Program (I-Corps Teams)

- **Program Goals:**
 - To spur translation of fundamental research to the market place, to encourage collaboration between academia and industry, and to train NSF-funded faculty, students and other researchers to understand innovation and entrepreneurship.
- **Program Purpose:**
 - To identify NSF-funded researchers who will receive additional support - in the form of mentoring and funding - to accelerate the translation of knowledge derived from fundamental research into emerging products and services that can attract subsequent third-party funding.



Innovation Corps Teams Program (I-Corps Teams)

- **I-Corps projects outcomes:**
 - **Clear go/no go decision regarding viability of products and services**
 - **Should the decision be to move the effort forward, a transition plan to do so**
 - **Technology demonstration for potential partners**
- **A webinar will be held on the first Tuesday of every month to answer questions about this program.**

www.nsf.gov/news/special_reports/i-corps/program.jsp



Innovation Corps Sites Program (I-Corps Sites)

The screenshot shows the NSF website's 'Funding' section for the 'Innovation Corps Sites Program (I-Corps Sites)'. The page includes a search bar, navigation tabs (HOME, FUNDING, AWARDS, DISCOVERIES, NEWS, PUBLICATIONS, STATISTICS, ABOUT NSF, FASTLANE), and a sidebar with links like 'Find Funding', 'A-Z Index of Funding Opportunities', and 'Proposals and Awards'. The main content area features a 'Crosscutting/NSF-wide' heading, the program title, contact information for four staff members, program guidelines, due dates (January 7, 2013), and a synopsis of the program's goals.

CONTACTS

Name	Dir/Div	Name	Dir/Div
Errol B. Arkilic	OD/OIA	Rathindra DasGupta	ENG/IIP
Anita J. La Salle	CISE/CNS	Don L. Millard	EHR/DUE

PROGRAM GUIDELINES

Solicitation [12-604](#)

DUE DATES

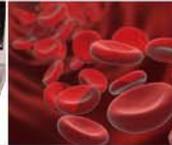
Full Proposal Deadline Date: January 7, 2013
 Full Proposal Deadline Date: July 1, 2013
 First Monday in July, Annually Thereafter

SYNOPSIS

The National Science Foundation (NSF) seeks to develop and nurture a national innovation ecosystem that builds upon research to guide the output of scientific discoveries closer to the development of technologies, products and processes that benefit society.

In order to contribute to a national innovation ecosystem, NSF is establishing the NSF Innovation Corps Sites Program (NSF I-Corps Sites). Sites are funded at academic institutions, having already existing innovation or entrepreneurial units, to enable them to:

- I-Corp Sites contact information is available at: www.nsf.gov/funding/pgm_summ.jsp?pims_id=504802&org=NSF&selorg=XCUT&from=fund
- **Deadline For Full Proposal: January 07, 2013 & July 01, 2013**
- **Current solicitation number: 12-604**
- **Estimated number of awards: 15 awards annually, pending availability of funds**
- **Anticipated funding amount: 1.5 million**



Innovation Corps Sites Program (I-Corps Sites)

- **Program Goal:**
 - To spur translation of research, to encourage collaboration between academia and industry, and to train students to understand innovation and entrepreneurship. NSF funding through I-Corps Sites enables academic institutions to support teams whose projects are likely candidates for commercialization.
- **Purpose of Program:**
 - To nurture and support multiple, local teams that are transitioning their ideas, devices, processes or other intellectual activities into the marketplace. While different institutions may choose different mechanisms for achieving the goals of an I-Corps Site, certain characteristics of a Site must be consistent - the make-up of the teams the Site supports, the origin and nature of the projects, and the kind of support that is provided to the teams by the Site.



WHERE DISCOVERIES BEGIN



Major Research Instrumentation (MRI)

The screenshot shows the NSF website interface. At the top left is the NSF logo and the tagline "WHERE DISCOVERIES BEGIN". A search bar and a dropdown menu for "NSF Web Site" are on the top right. A navigation menu includes Home, Funding, Awards, Discoveries, News, Publications, Statistics, About, and FastLane. The main content area is titled "Major Research Instrumentation Program" and includes sections for "NSF-wide", "MRI ANNOUNCEMENTS", "FREQUENTLY ASKED QUESTIONS POSTED", and "CONTACTS". A table lists contact information for Dr. Randy L. Phelps. Below the table, there is a section for "PROGRAM GUIDELINES" and "SYNOPSIS".

NSF-wide
Major Research Instrumentation Program

MRI ANNOUNCEMENTS

FREQUENTLY ASKED QUESTIONS POSTED
 FAQs have been added for MRI Solicitation 11-503. To view the FAQs page click [here](#).

CONTACTS

Name	Email	Phone	Room
Dr. Randy L. Phelps	mri@nsf.gov	(703) 292-8040	

Additional contact information for NSF's Major Research Instrumentation Program is as follows:

Office of Integrative Activities
 Major Research Instrumentation Program
 National Science Foundation, Room 935
 4201 Wilson Boulevard
 Arlington, VA 22230
 (703) 292-8040

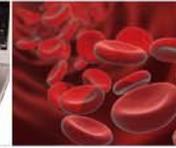
E-Mail: mri@nsf.gov
 Website: <http://www.nsf.gov/od/oia/programs/mri>

PROGRAM GUIDELINES
 Solicitation [11-503](#)

SYNOPSIS

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific research instruments for research and research training.

- **Contact Information:**
 - (703) 292-8040
 - mri@nsf.gov
- **Deadline:**
 - January 24, 2013
- **Current solicitation number: 11-503**



Major Research Instrumentation (MRI)

- **Program Goals:**
 - Support *acquisition* of major state-of-the-art instrumentation
 - Foster *development* of the next generation of major instrumentation
 - Integrate research with education
 - Use, advance, and/or expand the Nation's cyber-infrastructure and/or high performance computing capability through instrumentation acquisition or development
 - Promote academic and private sector instrument development partnerships



WHERE DISCOVERIES BEGIN



Major Research Instrumentation (MRI)

Major Research Instrumentation Program:

Instrument Acquisition or Development

PROGRAM SOLICITATION

NSF 11-503

REPLACES DOCUMENT(S):

NSF 10-529



National Science Foundation

Office of Integrative Activities

Directorate for Biological Sciences

Directorate for Computer & Information Science & Engineering

Directorate for Education & Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical & Physical Sciences

Directorate for Social, Behavioral & Economic Sciences

Office of Polar Programs

Office of Cyberinfrastructure

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

January 27, 2011

4th Thursday in January thereafter

Estimated Number of Awards: 175

Anticipated Funding Amount: \$90 million



WHERE DISCOVERIES BEGIN



Major Research Instrumentation (MRI)

- **The Basics:**
 - **Submission limit** - Three (3) per organization: *If three proposals are submitted, at least one of the proposals must be for instrument development.*
 - **Request size from NSF** - \$100,000-\$4 million from all eligible organizations; < \$100,000 exception for certain disciplines and from non-Ph.D.-granting institutions.
 - **Merit Review** - At the time of submission, PI's are asked to identify an NSF division(s) to review proposal. NSF reserves the right to place proposals in the appropriate division(s) for review.



Major Research Instrumentation (MRI)

The Basics – Eligibility Information:

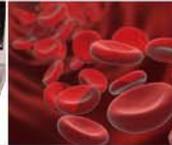
- “US”-based
- Organizations:
 - Colleges, universities, and institutions of higher education
 - Independent research museums and science centers
 - Independent nonprofit research organizations
 - Consortia of eligible organizations
 - Small businesses
 - Private sector partners with submitting organizations
 - May not submit as lead

The Basics – Cost Sharing:

- 2007 America COMPETES Act—Cost sharing required
- Ph.D.-granting and non-degree granting institutions: 30% cost-sharing required on all proposals
- Non-Ph.D.-granting institutions: no cost-sharing required



WHERE DISCOVERIES BEGIN



For More Information

Ask Early, Ask Often!

[nsf.gov/staff](https://www.nsf.gov/staff)

[nsf.gov/staff/orglist.jsp](https://www.nsf.gov/staff/orglist.jsp)

[nsf.gov/about/career_opps/rotators/index.jsp](https://www.nsf.gov/about/career_opps/rotators/index.jsp)