



National Science Foundation



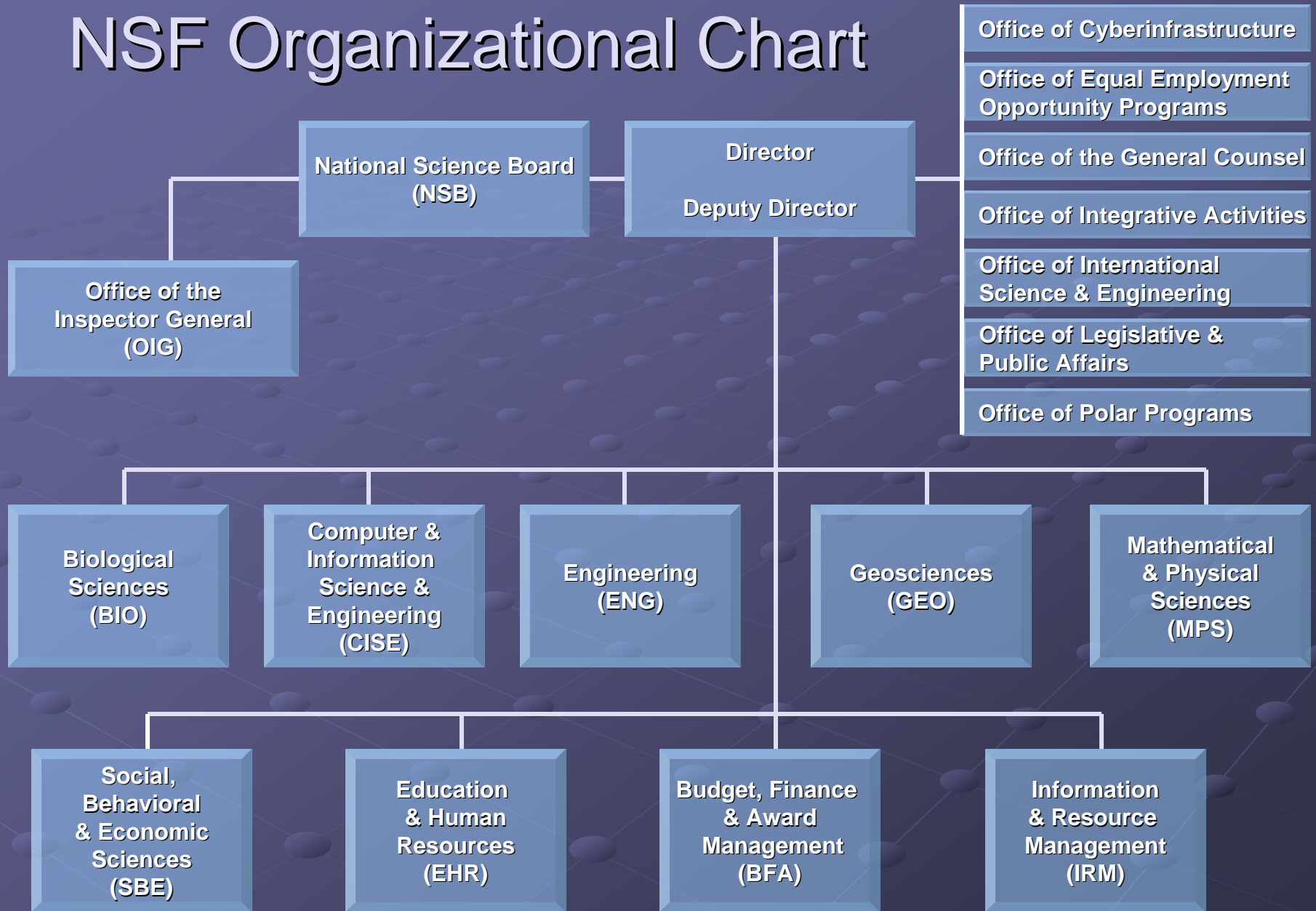
Spring 2008

Main Topics



- FY 09 Budget Request
- Challenges & Opportunities
- Current Proposal, Award and Funding Trends
- NSF Proposal/Award Policy & Procedural Update
- Electronic Initiatives Update

NSF Organizational Chart



NSF: Recent Personnel Changes

- Dr. Tim Killeen named Assistant Director for Geosciences (GEO)
- Dr. W. Lance Haworth appointed Director of the NSF Office of Integrative Activities
- Dr. Jeanette Wing named Assistant Director of the Directorate for Computer and Information Science and Engineering (CISE)
- Dr. Cora B. Marrett named Assistant Director for Education and Human Resources (EHR)
- Dr. Henry Blount named Head, EPSCoR Office (EPSCoR moved to the Office of the Director)

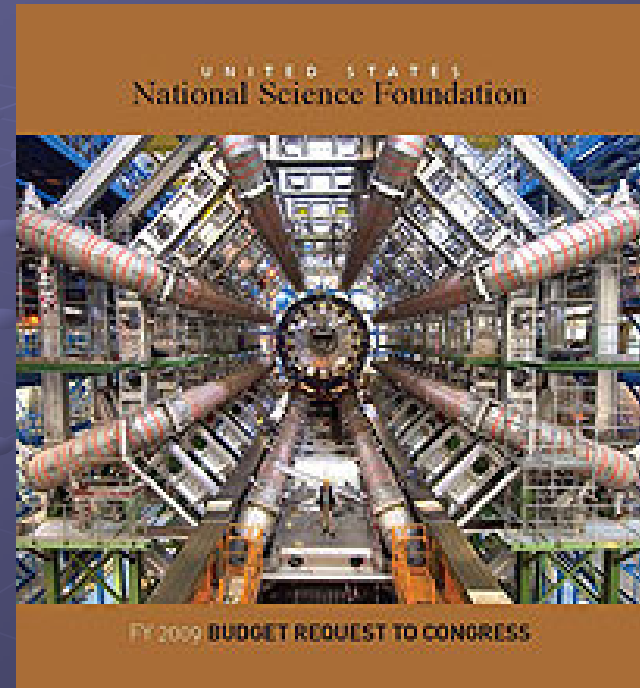
FY 2008 Outcome

- Not encouraging for NSF
- Small increases, but major fix in support of our infrastructure (people, building, IT systems such as FastLane and Research.gov)
- Some discussions of a possible supplemental, but don't count your chickens....

FY 2009 Budget Request

● The Big Picture

- Total: \$6.85 billion
- Increase: 13%
- A Budget Request: No guarantee, but we remain hopeful for a good appropriation outcome this Fall.

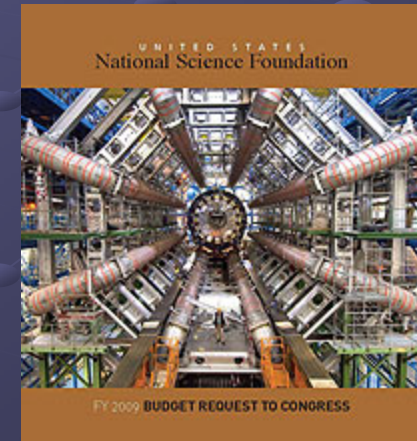


FY 2009 Budget Request by Appropriations Account (millions)

Appropriations Account	FY 2009 Request	Change from FY 2008 Request	
Research & Related Activities	\$5,593.99	\$772.52	(16%)
Education & Human Resources	\$790.41	\$64.81	(8.9%)
Major Research Equipment & Facilities Construction	\$147.51	\$-73.23	(-33.2%)
Agency Operations & Award Management	\$305.06	\$23.27	(8.3%)
National Science Board	\$4.03	\$0.06	(1.5%)
Inspector General	\$13.10	\$1.67	(14.6%)
TOTAL, NSF	\$6,854.10	\$822.10	(13.6%)

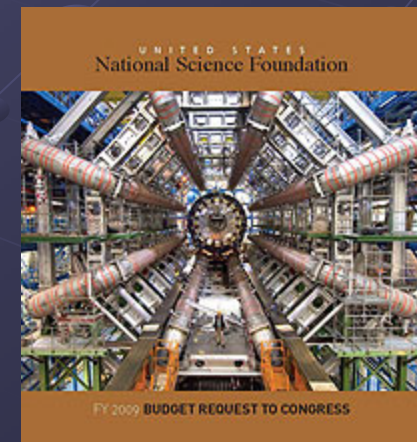
FY 2009 Budget Highlights

- Cross-Foundation Investments
- Support for Research Grants
- New Faculty & Beginning Investigators
- Graduate Research Fellowships
- Science & Technology Centers
- Cybersecurity
- International Science & Engineering
- Oceans Research



FY 2009 Budget Highlights (Cont'd)

- Polar Research & Logistics
- Major Research Equipment & Facilities Construction (MREFC)
- Enriching the Education of STEM Teachers
- Promoting Learning through Research and Evaluation
- Broadening Participation
- Interagency R&D Priorities
- Stewardship



America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science Act: The America COMPETES Act

● Legislative History

- Introduced - May 10, 2007
- Passed House - May 22, 2007
- Passed Senate - July 19, 2007
- Differences Resolved - Aug 2, 2007
- Signed by President - Aug 9, 2007

America COMPETES Act

● Highlights

- Doubles NSF Funding from \$5.6 billion in FY2006 to \$11.2 billion in FY 2011
- Authorizes the National Institute of Standards and Technology (NIST) from approximately \$703 million in FY 2008 to approximately \$937 million in FY 2011
- Doubles Department of Energy's Office of Science funding over ten years
- Innovation Acceleration Research Program directs federal agencies funding research in science and technology to set as a goal dedicating approximately 8% of their R&D budgets toward high-risk frontier research
- Directs NASA to increase funding for basic research

Challenges & Opportunities



Transformative Research

- The National Science Board (Board) unanimously approved a motion by National Science Foundation (NSF) Director Arden L. Bement, Jr. to enhance support of transformative research at the NSF.
- Additionally, NSF Director proposed -- and the Board adopted -- a change to the intellectual merit review criterion to specifically include evaluation of proposals for potentially transformative concepts.

Transformative Research Working Definition

- Transformative research involves ideas, **discoveries**, or **tools** that radically change our understanding of an important existing scientific or engineering concept or **educational practice** or leads to the creation of a new paradigm or field of science, engineering, or **education**. Such research challenges current understanding or provides pathways to new frontiers.

Revised Intellectual Merit Review Criterion

- **What is the intellectual merit of the proposed activity?**
 - How important is the proposed activity to advancing knowledge and understanding within its own field or across different fields? How well qualified is the proposer (individual or team) to conduct the project? (If appropriate, the reviewer will comment on the quality of prior work.) To what extent does the proposed activity suggest and explore creative, original, **or potentially transformative** concepts? How well conceived and organized is the proposed activity? Is there sufficient access to resources?

Research Business Models (RBM)

Subcommittee, Committee on Science, National Science and Technology Council

- Federal cross-agency coordination to address important policy implications
 - Arising from the changing nature of interdisciplinary and collaborative research
 - Examine the effects of these changes on business models for the conduct of scientific research sponsored by the Federal government.
- Outreach with the FDP, COGR, SRA, NCURA, and others continues

RBM Initiatives & Recent Progress

- Multiple PIs
- Research Terms & Conditions
- Research Performance Progress Reports
- Conflict of Interest Policy
- Voluntary Institutional Compliance Program Guidance
- Enhanced A-133 compliance supplement on sub-recipient monitoring

Outreach and Communication

- Likely to have additional regional public meetings
 - Possibly in conjunction with the Grants Policy Committee & Grants.gov
- Will continue outreach through FDP, SRA, NCURA, COGR, etc.
- See the RBM web site for the latest news
<http://rbm.nih.gov/>



The Federal Grant Streamlining Program

**National Science and
Technology Policy Council**

Committee on Science

**Research Business Models
Subcommittee**

The Chief Financial Officers Council

Grants Policy Committee
*National Science Foundation and Energy
Co-Chairs*

P.L. 106-107 PMO
HHS

Pre-Award Work Group
Department of Defense Chair

**Interagency Committee on
Debarment and Suspension**
EPA Chair

CCR Team
EPA Chair

**Mandatory Work
Group**
Vacant Chair

**Post-Award Work
Group**
DOC/NOAA Chair

**Payment System
Issues**
NSF Chair

Reporting Forms Team
NOAA Chair

Cost Principles Team
OMB Chair

**Indirect Cost Uniform
Guidance Handbook
Team**
HHS Chair

**Audit Oversight
Work Group**
HHS Chair

**Compliance
Supplement Team**
HHS Chair

Audit Quality Team
Education Chair

Audit Policy Issues
*NSF and Education
Co-Chairs*

FAC Study (next steps)
Energy Chair

Improper Payment Issues
DOT Chair

**Training and Oversight
Work Group**
HHS Chair

**Training Curriculum
Team**
NSF Chair

Competencies Team
*Education and DOI
Co-Chairs*

Certification Team
DOE Chair

Database Team
Chair

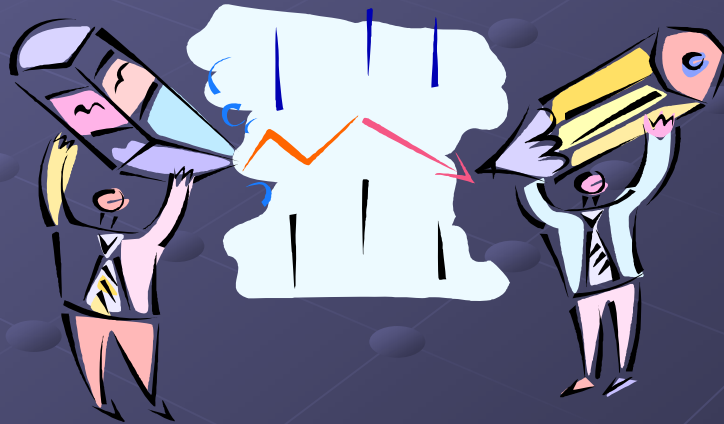
Grants Policy Committee Update

- Stakeholder webcast held on March 18, 2008
 - FFATA Subaward pilot update
 - Post Award Work Group update regarding the Performance Progress Report Form
 - GPC update on Strategic Planning and Product Development
 - http://www.grants.gov/aboutgrants/grants_news.jsp
- Next webcast: Fall 2008

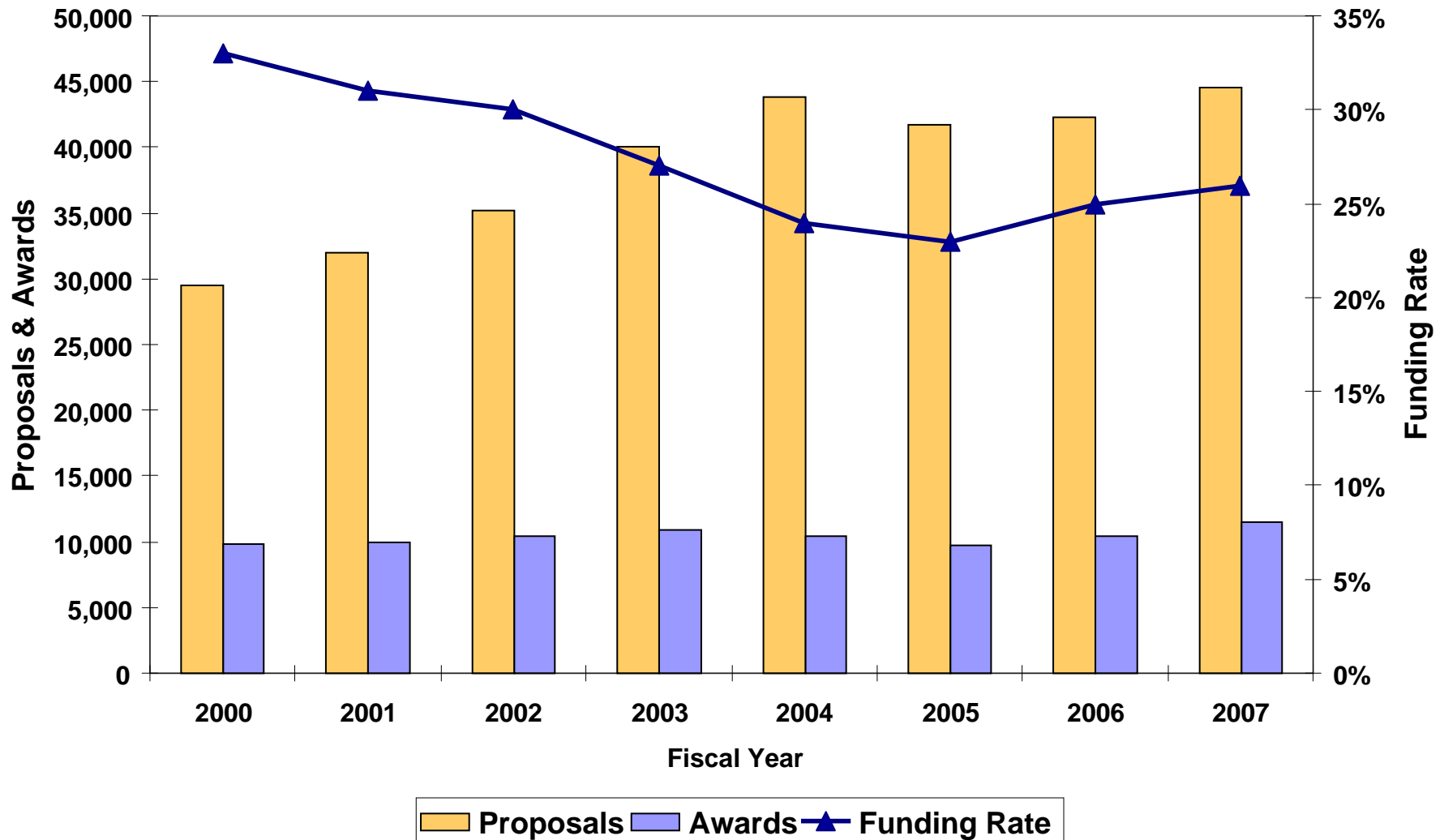
Federal Funding Accountability & Transparency Act (FFATA)

- Task Force formed (Nov. 2006 - led by OMB)
- USAspending.gov launched (Feb. 2007)
- Data elements defined
- Impact: Place of performance; subawardee data entry
- Next Step: Pilot grantee and sub-awardee data
- Federal Register Notice to be posted imminently

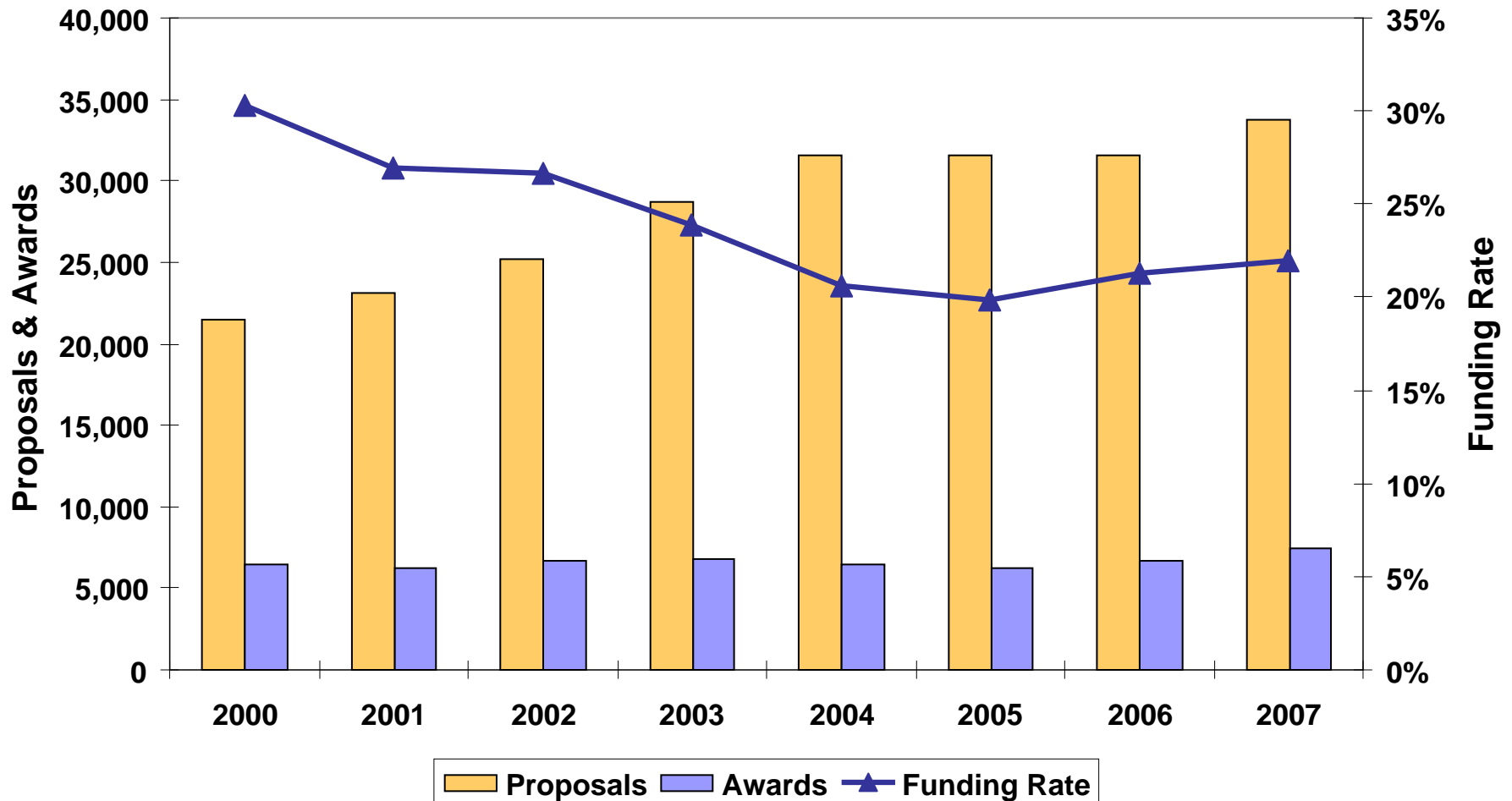
Current Proposal, Award & Funding Trends



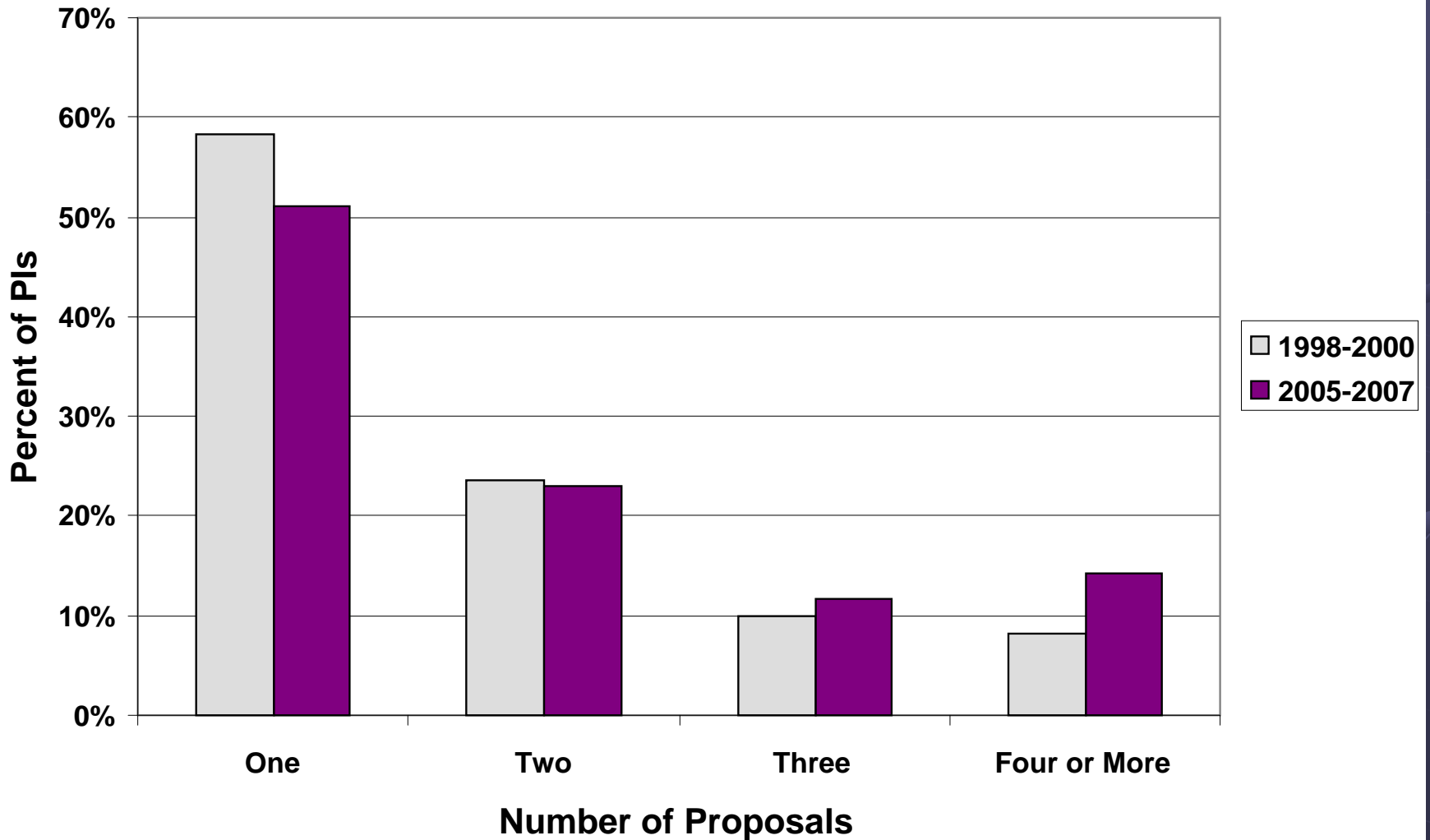
Overall NSF Proposal, Award, and Funding Rate Trends



NSF Research Grants: Proposal, Award, & Funding Rate Trends



Research Proposal Submissions per PI



Proposal & Award Policy & Procedural



Coverage

- America COMPETES Act – NSF Implementation Details
- Proposal & Award Policies & Procedures Guide Updates
- Merit Review Website
- Conference or Group Travel Grant Special Conditions - FL 26

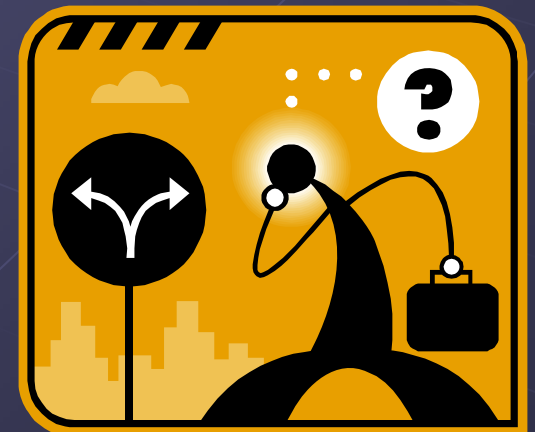
America COMPETES Act NSF Implementation

● 5 internal working groups have been formed in the following areas:

- Budget
- Major Research Equipment & Facilities Construction
- Education & Human Resources
- Computer & Information Science & Engineering/Cyber Infrastructure
- Policy

ACA Policy-Related Provisions of Interest to the Research Community

- SEC 7008: Postdoctoral Research Fellows
- SEC 7009: Responsible Conduct of Research
- SEC 7010: Reporting of Research Results
- SEC 7013: Cost Sharing



Stay Tuned

- for additional information on the America Competes Act in the weeks and months to come...

The Proposal & Award Policies & Procedures Guide, Part 1: Grant Proposal Guide Revision

- Intellectual Merit Review Criterion
- Federal Funding Accountability and Transparency Act (FFATA)
- Use of Designated Fonts
- Review Information Provided to PI



Transformative Research Implementation Details

- Issued [Important Notice No. 130](#) (dated 09/24/07) to the community that describes the Foundation's efforts in the area of Transformative Research
- An NSF working group was created to develop the framework and recommend implementation details for a new funding mechanism for "early-concept" research projects
 - EARly-Concept Grants for Exploratory Research (EAGER)
 - Grants for Rapid Response Research (RAPID)

Transformative Research Implementation Details (Cont'd)

- Effective January 5th, 2008, all proposals will be reviewed against the newly revised criterion.
- Necessary changes also have been made to NSF reviewer systems to incorporate the revised language.
- For additional information: Enhancing Support of Transformative Research at the National Science Foundation:
http://www.nsf.gov/nsb/documents/2007/tr_report.pdf

Grants for Rapid Response Research (RAPID)

- RAPID will be used for proposals having a severe urgency with regard to availability of, or access to data, facilities or specialized equipment, including quick-response research on natural or anthropogenic disasters, or similar unanticipated events.

EArlly-concept Grants for Exploratory Research (EAGER)

- Exploratory work in its *early stages* on untested, but potentially transformative, research ideas or approaches.
- Work may be considered “high-risk, high payoff” in the sense that it, for example, involves radically different approaches, applies new expertise or engages in novel disciplinary or interdisciplinary perspectives

Implementation....

- NSF will broadly advertise the new funding mechanisms to the community once they have been finalized.
- Mechanisms will likely be implemented via use of the Grant Proposal Guide much like the existing SGER mechanism.
- But...we're not quite there yet....

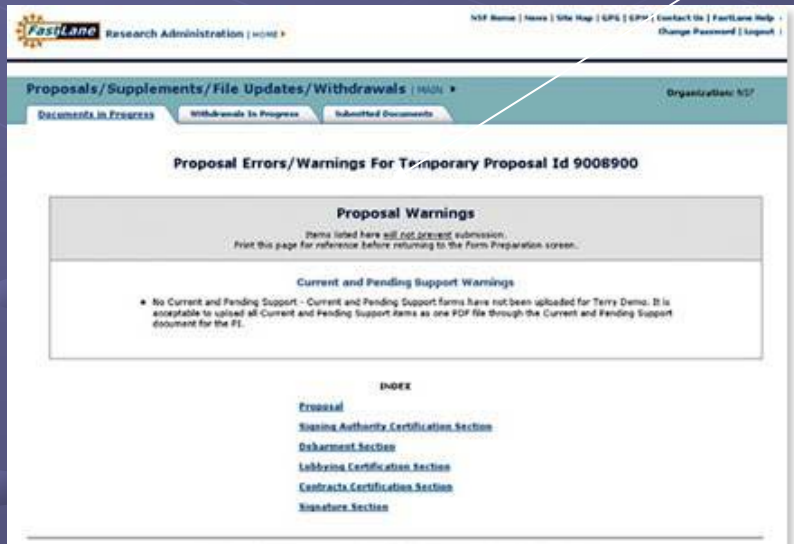
FFATA - Central Contractor Registration Implementation Details

- FFATA requires agencies to make award/subaward information, including the DUNS number, available for search by the public.
- Proposers and any known subawardees at the time of proposal submission must register in CCR prior to proposal submission.

“Organization-DUNS Conflict” – The identified organization cannot be found in CCR as the organization is either:

- (1) not registered in CCR or
- (2) the record in FastLane Research Administration (including the DUNS number and address) does not match the data in the CCR.”

Effective January 5, 2008, proposers are required to register in the CCR prior to proposal submission. Failure to complete the CCR registration process prior to proposal submission may impact the processing of the proposal.



Updated GPG Font Coverage

Use one of the following typefaces identified below:

- Arial, Courier New, or Palatino Linotype at a font size of 10 points or larger;
- Times New Roman at a font size of 11 points or larger;
- Computer Modern family of fonts at a font size of 11 points or larger;
- In addition to the typefaces identified above, Macintosh users also may use Helvetica and Palatino typefaces.

In addition:

- A font size of less than 10 points may be used for mathematical formulas or equations, figure, table or diagram captions and when using a Symbol font to insert Greek letters or special characters. PIs are cautioned, however, that the text must still be readable.

Review Information Provided to PI

- When a decision has been made (whether an award or a declination), the following information is released electronically to the PI through FastLane:
 - description of the context in which the proposal was reviewed;
 - copies of all reviews used in the decision (with any reviewer-identifying information redacted);
 - copy of panel summary, if the proposal was reviewed by a panel at any point in the process;
 - site-visit reports, if applicable.
- The PI is provided an explanation of the basis for the declination.

Conference or Group Travel Grant Special Conditions - FL 26

- Effective March 1, 2008, new NSF conference or group travel grants, and funding amendments to existing NSF conference or group travel grants, will begin referencing and are subject to the NSF Conference or Group Travel Grant Special Conditions (FL 26).
- See the [Special Conditions](#) on the NSF website.

Conference or Group Travel Grant Special Conditions - FL 26 (Cont'd)

- Program Income, Article 6, is a new Article that provides guidance on the definition, treatment, reporting, and disposition of program income.
- Program income includes registration or other fees paid by conference participants or sponsors and should be added to the funds committed to the project by NSF and used to further project objectives.

Electronic Initiatives



Coverage

- Merit Review Website
- NSF-Update
- Reducing the Use of Social Security Numbers
- Project Reporting
- NSF Grants.gov Implementation
- Research.gov

NSF Merit Review Website

- A new merit review website is now live on the NSF Homepage.
- The goal of the Merit Review website is to help you better understand the NSF merit review process as well as identify resources for additional information (including applicable chapters in the GPG).





NSF Web Site



Looking for Funding?

- For the Research & Education Community
- Find Funding Opportunities
- Upcoming Due Dates

Program Areas
Select One

Quick Links
Select One

Specialized Information for
Select One

About NSF

- General Information About NSF
- Merit Review
- View Staff Directory
- Search Staff Directory
- Career Opportunities

Latest News

See All

Site Features



[NSF Announces \\$26 Million Solicitation for Projects That Advance Innovative Computational Thinking](#)
Released October 1, 2008



[NSF and Department of Homeland Security Partner to Drive Frontier Research in Nuclear Detection](#)
Released September 24, 2007



[Nutrient Pollution Drives Frog Deformities by Ramping Up Infections](#)
Released September 24, 2007

Now Showing: Film, TV, Museums and More

See All

[NSF supports great television, inspiring museum exhibits, breathtaking IMAX films, and compelling radio.](#)



[Sea Monsters: A Prehistoric Adventure](#)
"Sea Monsters: A Prehistoric Adventure" is a giant-screen film that brings dinosaurs of the late Cretaceous period to life.

NSF at a Glance

- News
- For the News Media
- Special Reports
- Discoveries from NSF Research
- Research Overviews
- Speeches & Lectures
- Multimedia Gallery
- NSF & Congress
- Classroom Resources
- NSF-Wide Investments
- Science and Engineering Statistics
- Search NSF Awards



Merit Review



[Merit Review Home](#)

[Director's Statement](#)

[Phase I: Proposal Preparation and Submission](#)

[Phase II: Proposal Review and Processing](#)

[Phase III: Award Processing](#)

[Non-Award Decisions and Transactions](#)

[Merit Review Facts](#)

[Why You Should Volunteer to Serve as an NSF Reviewer](#)

[Additional Resources](#)

[Contact Us](#)

Proposals and Awards

[Proposal and Award Policies and Procedures Guide](#)

[Introduction](#)

[Proposal Preparation and Submission](#)

- [Grant Proposal Guide](#)
- [Grants.gov Application Guide](#)

[Award Administration](#)

- [Award Administration Guide](#)

Merit Review Process

Click the square buttons to find out more information about the review process.

Download a printable version of the Merit Review Process Illustration. [PDF](#) (21K)

PHASE I

PROPOSAL PREPARATION AND SUBMISSION
90 DAYS



PHASE II

PROPOSAL REVIEW AND PROCESSING
6 MONTHS



PHASE III

AWARD PROCESSING
30 DAYS



3 - Proposal Received

Proposals are received by the NSF Proposal Processing Unit and are assigned to the appropriate program for acknowledgement and, if they meet NSF requirements, for review.

A proposal may be returned without review if it does not meet NSF proposal preparation requirements, such as page limitations, formatting instructions, and electronic submission, as specified in the GPG or program solicitation. The GPG identifies all of the reasons for which a proposal may be returned without review.



Merit Review



[Merit Review Home](#)

[Director's Statement](#)

[Phase I: Proposal Preparation and Submission](#)

[Phase II: Proposal Review and Processing](#)

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Proposals and Awards

[Proposal and Award Policies and Procedures Guide](#)

[Introduction](#)

[Proposal Preparation and Submission](#)

• [Grant Proposal Guide](#)

• [Grants.gov Application Guide](#)

[Award Administration](#)

Phase III: Award Processing

GRANTS AND AGREEMENTS OFFICER CONDUCTS BUSINESS REVIEW

8 An NSF Grants and Agreements Officer in the Division of Grants and Agreements (DGA) reviews the recommendation from the Program for business, financial and policy implications and the processing and issuance of a grant or cooperative agreement. DGA generally makes awards to academic institutions within 30 days after the program division/office makes its recommendation. Grants to organizations that have not received an NSF award within the preceding two years, or involving special situations (such as coordination with another Federal agency or a private funding source), cooperative agreements, and other unusual arrangements may require additional review and processing time.

Only an appointed NSF Grants and Agreements Officer may make commitments, obligations or awards on behalf of NSF or authorize the expenditure of funds. No commitment on the part of NSF or the Government should be inferred from technical or budgetary discussions with an NSF Program Officer. For more information, see [GPG, Chapter III.E. Award Recommendation](#).

[View the Merit Review Process Illustration](#)

GRANTS AND AGREEMENTS OFFICER NOTIFIES ORGANIZATION OF AWARD DECISION

9 NSF awards are electronically signed by a Grants & Agreements Officer, and transmitted to the organization via e-mail. In addition to the e-mail notification, grantees may access their NSF awards via FastLane. Sponsored projects offices are able to view, print, and/or download NSF awards for their organizations. Information on the contents of an NSF award is contained in [AAG, Chapter 1.B](#).

[View the Merit Review Process Illustration](#)

NSF Update

- NSF Update replaces MyNSF e-mail delivery service

The image shows a screenshot of the National Science Foundation (NSF) website. The header features the NSF logo and the tagline "WHERE DISCOVERIES BEGIN". A search bar is located in the top right corner. Below the header is a navigation menu with links for HOME, FUNDING, AWARDS, DISCOVERIES, NEWS, PUBLICATIONS, STATISTICS, ABOUT, and FastLane. The main content area displays several featured articles, including "NSF and the Birth of the Internet", "Antarctic Study Could Yield New Glue", "New Alloy Has Good Memory", and "U.S. Sets Ballooning Record". A "Latest News" section is visible, featuring an article titled "Missing Link Between Whales and Four-Footed Ancestors Discovered" released on December 20, 2007. On the right side of the page, a green button with a white envelope icon and the text "Get NSF Updates by Email" is circled in red. Other buttons include "Looking for Funding?", "For the Research & Education Community", "Find Funding Opportunities", "NSF at a Glance", and "News".

Reducing Use of SSNs

- NSF is reducing the use of Social Security Numbers (SSNs) in NSF business applications in order to comply with Government Mandates:
 - Office of Management and Budget
 - [M06-16](#) for the “Protection of Sensitive Agency Information”
 - [M07-16](#) for “Safeguarding Against and Responding to the Breach of Personally Identifiable Information”
 - [U.S. Office of Personnel Management memo](#) of June 18, 2007:
 - “Guidance on Protecting Federal Employee Social Security Numbers and Combating Identity Theft”
- This is being done by:
 - Increasing protections where SSNs must be used for business purposes
 - Eliminating the use of SSNs in processes, systems, and files where no business need exists

Reducing Use of SSNs

NSF Implementation

- NSF is switching to the *NSF-ID* as the method for identifying FastLane users;
 - Since December 2007, PIs log in using either *NSF-ID* or SSN
- SSNs no longer collected for:
 - FastLane registration
 - Grants.gov registration
- SSN required only where there is a specific business need:
 - Panelist travel and reimbursements
 - Fellowship payments
- How to determine your *NSF-ID* if you don't know it:
 - For a limited time, log in with your SSN and *NSF-ID will appear*
 - Retrieve in FastLane with last name, institution and e-mail
 - SPOs are able to look up *NSF-IDs*
 - For additional help, contact FastLane User Support

Project Report Tracking & Notification System

● Project Report System Edits

- Provides set reporting periods – annual and final divisible by 12 months
- Tracking System includes: periods, status, and due/overdue dates
- External & Internal Communities Ability to Track On Line
- Notification reminders automatic to PIs and SPOs
- Award Notices – URL with pass through to Project Report Module on FastLane
- NSF systems include hard edits
 - No future funding if overdue annual/final reports
 - No PI changes or no cost extensions
 - No changes after final report approval

Project Reporting Facts

- Extending the grant period does not relieve PIs of reporting requirements
- In the last year of a grant, the PI owes only a final report
- If the PI leaves prior to submitting a required report, the organization must still fulfill reporting obligations
- The organization is responsible for submission of required reports; not the PI

FastLane – View Awards by Report Requirements or Creation Eligibility

FastLane PI/Co-PI Management
Proposal Functions | HOME ▶

NSF Home | News | Site Map | GPG | GPM | Send Comm

Project Reports | MAIN ▶

[What is the difference between an Annual, Final, and Interim Project Report](#)

Annual/Final Project Reports | Interim Project Reports | GPR Facility Reporting

Search for Awards with Annual/Final Project Report requirements by the following:

Award Number: Award Expiration Date:

Awards with Annual/Final Project Report Requirements:

To view Project Report requirements for an award, click the "Award Number" (e.g.: 0075773) link below.
Sort results by clicking column titles.

Principal Investigator's Name: Alphaman, Alan

13 records found, displaying 11 to 13. [\[< Previous 10\] 1 2](#)

Award Number	Award Type	Award Title	Award Date	Award Expiration Date
0075773	Continuing Grant	Effects of Global Warming on Bird Migrations	12/01/2004	11/30/2005
0075774	Cooperative Agreement	Splitting the Atom (Cancelled)	11/30/2004	10/31/2005
0075775	Standard	Weather Trends for the Last Decade	12/01/2005	11/30/2009

National Science Foundation
4201 Wilson Boulevard, Arlington, Virginia 22230, USA
Tel: 703-292-5111, FIRS: 800-877-8339 | TDD: 703-292-5090

Definitions provided to the user so the right report is created.

Search Capability by Award Number and Award Expiration Date

Awards are now divided into tabs for APR/FPR and GPR report requirements as well as for IPR creation eligibility.

PI locates and selects the Award from the list to create Project Report by clicking on the Award number text link.

Award and Award Expiration Dates shown to user.

FastLane – View Selected Award’s Project Report Requirements

FastLane PI/Co-PI Management
 Proposal Functions | HOME ▶

NSF Home | News | Site Map | GPG | GPM | Send Comments | FastLane Help

Project Reports | MA
 Annual/Final Project Rep

Award Number: 0075
Award Title: Weath
PI Name: Alan A

Annual/Final Project Re

To view a PDF of an approved Project Report, or to Create/Edit a Project Report, click on the "Action" link below.
 Sort results by clicking column titles.

Report Requirement	Report Period Start Date	Report Period End Date	Months in Reporting Period	Report Due Date	Report Overdue Date	Report Submission Date	NSF Report Status	My Submission Status	Action
1st (Annual)	12/01/05	11/30/06	12	8/30/06	11/30/06	Not Applicable	Due	Not Submitted	Create/Edit
2nd (Annual)	12/01/06	11/30/07	12	8/30/07	11/30/07	Not Applicable	Not Applicable	Not Submitted	Create/Edit
3rd (Annual)	12/01/07	11/30/08	12	8/30/08	11/30/08	Not Applicable	Not Applicable	Not Submitted	Create/Edit
4th (Final)	12/01/08	11/30/09	12	11/30/09	2/28/10	Not Applicable	Not Applicable	Not Submitted	Create/Edit

▶ [View Previously Submitted Project Reports](#) for this Award

National Science Foundation
 4201 Wilson Boulevard, Arlington, Virginia 22230, USA
 Tel: 703-292-5111, FIRS: 800-877-8339 | TDD: 703-292-5090

[Privacy and Security](#)

PI views Project Report requirements for reporting periods generated by Awards System for selected Award.

Archive of previous Reports submitted prior to incorporation of new functionality can now be accessed from this screen by clicking link.

Award period is divided into reporting periods with a start and end date.

PI is clearly informed when each Report is due for submission and when it is overdue for submission.

PI can track the status of their Report with NSF Report and My Submission Statuses. Definitions of these statuses can be accessed by the link above.

PI clicks on the "Create/Edit" link to access the Project Reports System Control Screen.

PI can only create the first Report for a given period and can only create the next Report upon approval of the first.

NSF Grants.gov Implementation in FY 2008

- Unless otherwise specified, optional submission for the vast majority of NSF programs
- Will not be used until a Grants.gov solution has been developed for:
 - Separately submitted collaborative proposals
 - Working Group was formed to address
 - Fellowship programs that require submission of reference letters
 - Working Group was formed to address

GMLOB's Background, Vision, and Goals

Background

- High volume of grants money spread over many agencies/programs:
 - Over \$ 526 billion spent on grants in FY04
 - 26 primary grant-making agencies
 - Over 900 programs

Vision

- A government-wide solution supporting end-to-end grants management activities

Goals

- Improve customer service
- Reduce cost
- Increase standards and streamlining

Consortium-Based Operating Model

● Operating Model

- Grants management community will process grants in a decentralized way using common business processes supported by shared technical services.

● Consortia-based implementation approach

- Consortia are agency work teams that align around shared business interests to define a common solution to meet its members needs. . Each consortium will have one lead agency and one or more member agencies.

● Consortium Leads

- National Science Foundation: Research.gov
- Department of Education: G5
- Administration for Children and Families under Health and Human Services: GrantSolutions.gov

GMLOB Current Status

- Agencies have begun partnering with Consortia. They are developing implementation plans for migration.
- Agencies with unique requirements outside the scope of Consortia are implementing grants management solutions in line with GMLOB's goals.
- Benefits to grantees:
 - Reduction in paper based processes
 - Reduction in redundant reporting requirements
 - Standardized application and post-award processes
 - Increased help-desk knowledge and availability

The New GMLoB Landscape

Groups	Consortium Leads Partnership Group	Strategic Partnership Group	Alternative Solutions Group	Agencies Yet to Align
Group Descriptions	<ul style="list-style-type: none"> ▪ Consortium partnership where agencies share best practices and collectively design a Consortium solution. ▪ Partner agencies migrate to Consortium solution. 	<ul style="list-style-type: none"> ▪ Strategic partnership of agencies with similar size, mission, and processing volume. ▪ NEH provides efficient, costeffective support to NARA and NEA. 	<ul style="list-style-type: none"> ▪ Agencies granted temporary approval for continued use of an efficient, costeffective alternative solution. ▪ COTS Sub-Group agencies work together to establish single voice with common vendor. 	<ul style="list-style-type: none"> ▪ Agencies directed to complete specific milestones, reporting requirements, and further explore CL partnership opportunities.
Member Agencies	<p>HHS/ACF Partner Agencies: CNCS, DOT, EPA, IMLS, State, Treasury, VA</p> <p>ED Partner Agencies: DOI, DOJ/COPS</p> <p>NSF Partner Agencies DOD, NASA</p>	<p>NEH NARA NEA</p>	<p>HHS/NIH</p> <p>COTS Sub-Group: DOE, SBA, USAID</p>	<p>DHS DOC DOJ/OJP & OVV DOL HUD SSA USDA</p>

Why NSF was Chosen as a Consortium Lead

- Focus on the research community
- Recognized for high standards by customers
- Leadership position in the grants community
- 12 years of experience and capabilities as shown by FastLane
- Unique operating model—menu of high-value services for both Federal partners and the research community



NSF GMLoB Consortium

Guiding Principles

- The approach will be deliberate, modular, conservative, and research community focused.
- Research community must directly benefit from this initiative.
- Whatever we do, we are going to do it well.
- Low cost, high impact offerings that deliver value to grantees will be implemented first.
- The initiative must focus on improvement; cost avoidance, not just cost savings.

What is Research.gov?

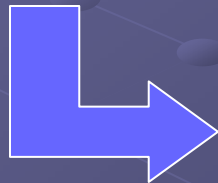
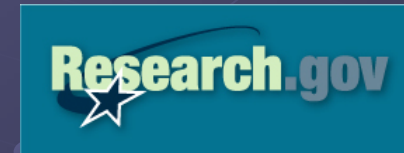
Research.gov...

- Offers a web portal, www.research.gov, that enables institutions and grantees to access a menu of grants management services for multiple federal agencies in one location.
- Focuses on providing high-value grants management services to meet the specific needs of the research community and of research grant-making agencies and programs.
- Is taking a phased approach to offer services that align with the needs of the research community and federal partner agencies.
- Aims to ease the grants administrative burden, one of the greatest challenges faced by the research community.
- Is a research-oriented solution for delivering Grants Management Line of Business (GMLOB) Consortium services.

NSF Grants Management Environment



End-to-End Proposal,
Award and Financial
Management Functions



“Find” Funding
Opportunities and
“Apply” for Grants

★ Users can log into
FastLane & Research.gov
using the same user name,
NSF ID and password

Benefits to the Research Community

- Simplifies the research community's access to information and grant services for multiple federal agencies
- Facilitates timely notification of the award review process and decisions
- Provides modern online capabilities for conducting business with federal research agencies
- Helps researchers manage their grants portfolio
- Saves time by providing fast and easy access to participating agencies' grants management services
- Helps researchers comply with federal-wide reporting requirements

Research.gov Released!

- In December 2007, NSF released initial public-facing service offerings, including:

- Research Spending and Results
- Policy Library
- Research Headlines

- In February 2008, NSF released initial business services for registered grantees in Beta mode:

- Grants Application Status
- Institution and User Management

Research.gov POWERING KNOWLEDGE AND INNOVATION

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Welcome Anonymous | March 06, 2008

About Research.gov

Who We Are

Led by the National Science Foundation (NSF), Research.gov is a partnership of federal research-oriented grant making agencies with a shared vision of increasing customer service for the research community, while streamlining and standardizing business processes amongst partner agencies. [MORE](#)

Service Offerings

- Policy Library
- Research Spending and Results
- Partnership Model
- Partner Agency List
- Latest News
- Frequently Asked Questions

Apply For Grants

- [Grants.gov](#)
- [NSF FastLane](#)

Feedback

[Tell Us What You Think](#)

Why should I Use Research.gov?
Get the answers >>

Services
Online tools to help you manage your grants to find out more.

Welcome to Research.gov. Below is a list of services that we offer. Select a service from below to find out more.

- Research Spending and Results**
NSF award information available to be searched by the public in compliance with the Federal Funding Accountability and Transparency Act of 2006.
- Policy Library**
An electronic library that consolidates Federal and agency-specific policies, guidelines and procedures for use by Federal agencies and the awardee community. Agency-specific documents are included only for Research.gov partner agencies.
- Grants Application Status** (Coming Soon)
Single site where Principal Investigators and Sponsored Research Offices check the up-to-date status of grant applications submitted to participating agencies. Account Required.
- Institution and User Management** (Coming Soon)
Online tool for Administrators to grants user rights and privileges. Account Required.

Events

- March 18, 2008**
[Grants Policy Committee Webcast](#)
- April 7 - 8, 2008**
[NSF Regional Grants Conference Outreach](#)
- April 26 - 30, 2008**
[SBA Northeast Section Meeting](#)

[View All Events](#)

My Weather

38°F
Mostly Cloudy

Washington, DC
Thu, 06 Mar 2008 3:52 am EST
Enter Your Zip:

Research.gov Partner Agencies

- Research.gov is partnering with agencies who are:
 - Devoted to promoting the federal-wide research mission
 - Committed to serving the research community
- Research.gov's current partners include:
 - National Aeronautics and Space Administration
 - Department of Defense Research
 - USDA's Cooperative State Research, Education, and Extension Service
- NSF will be working with these agencies to extend Research.gov services to their grantees



Research Spending & Results

- **Research Spending and Results** – The public can search for detailed award information, including publication citations and award abstracts.

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Research Spending and Results

[Partnership Model](#)

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[Latest News](#)

[Frequently Asked Questions](#)

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[Grants.gov](#)

[NSF FastLane](#)

Feedback

[Tell Us What You Think](#)

Research Spending and Results Search

Quick Search by any of the following:

Hint: The 'The Awardee or Award Information' text field searches for Awardee, Title, Abstract, and Federal Agency

Awardee or Award Information: (full text search, put quotes around phrases)

Funds Obligated to Date Between: \$ And \$ (i.e. 50000 And 100000)

Project Director/Principal Investigator: (also searches for co-PDs/co-PIs)

Award Date Between: And

Research.gov displays awards active in FY2007 and beyond with total obligations of \$25K or greater.

Research Spending and Results

Research Spending and Results

1238 awards found : "nano"

[REFINE SEARCH](#) Adjust Font Size: [A](#) [A](#) [A](#)

[VIEW ALL](#) [Printable Version](#)

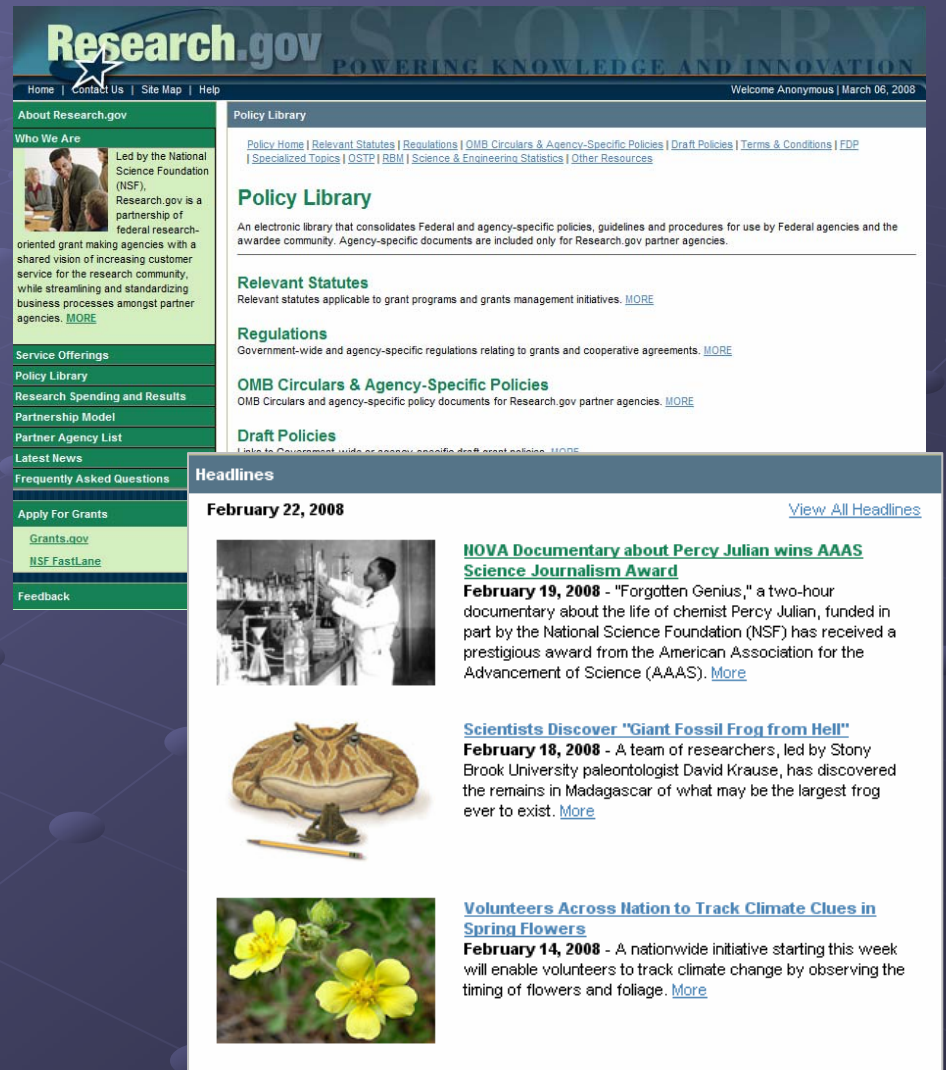
PAGE: 1 of 50 | 1 2 3 4 5 6 7 8 [NEXT PAGE >>](#)

Agency	Awardee	Awardee Location	Federal Award ID Number	Funds Obligated to Date	PD/PI Name	Award Title	Award Date
NSF	NORTH CAROLINA STATE UNIVERSITY	RALEIGH, NC	0211792	\$399,419	Gubbins, Keith E	GOALI: Molecular Modeling of Confined Nano-Phases and Nano-Porous Materials	10/28/2002
NSF	CARNEGIE MELLON UNIVERSITY	PITTSBURGH, PA	0448042	\$272,000	Sitti, Metin	CAREER: Nano-Robotic Manipulation Systems using Atomic Force Microscope Probes	01/31/2005
NSF	JOHNS HOPKINS UNIVERSITY	BALTIMORE, MD	0448816	\$408,500	Gracias, David	CAREER: A Research and Education Program in Surface Tension Driven Fluidic Assembly of Functional Nano-Scale Components	02/09/2005
NSF	REGENTS OF THE UNIVERSITY OF MICHIGAN	Ann Arbor, MI	0455330	\$405,000	Kopelman, Raoul	Photo-Excitation in Nanosystems: Control, Dynamics and Kinetics	05/13/2005

Policy Library & Research Headlines

Policy Library – The public can find Federal and agency-specific policies, guidelines and procedures for use by Federal agencies and the awardee community.

Research Headlines - The public can view highlighted research activities from NSF and CSREES.



The screenshot displays the Research.gov website interface. At the top, the logo reads "Research.gov" with the tagline "POWERING KNOWLEDGE AND INNOVATION". The navigation bar includes links for Home, Contact Us, Site Map, and Help, along with a user greeting "Welcome Anonymous | March 08, 2008".

The left sidebar contains a menu with the following items: About Research.gov, Who We Are (with a photo of two men in a meeting), Service Offerings, Policy Library, Research Spending and Results, Partnership Model, Partner Agency List, Latest News, Frequently Asked Questions, Apply For Grants (with links to Grants.gov and NSF FastLane), and Feedback.

The main content area is titled "Policy Library" and includes a navigation menu with links to Policy Home, Relevant Statutes, Regulations, OMB Circulars & Agency-Specific Policies, Draft Policies, Terms & Conditions, FDP, Specialized Topics, OSTP, RBM, Science & Engineering Statistics, and Other Resources. The "Policy Library" section is described as an electronic library consolidating Federal and agency-specific policies, guidelines, and procedures. It lists three categories: Relevant Statutes, Regulations, and OMB Circulars & Agency-Specific Policies, each with a "MORE" link.

The "Research Headlines" section is dated "February 22, 2008" and includes a "View All Headlines" link. It features three articles:

- HOVA Documentary about Percy Julian wins AAAS Science Journalism Award**
February 19, 2008 - "Forgotten Genius," a two-hour documentary about the life of chemist Percy Julian, funded in part by the National Science Foundation (NSF) has received a prestigious award from the American Association for the Advancement of Science (AAAS). [More](#)
- Scientists Discover "Giant Fossil Frog from Hell"**
February 18, 2008 - A team of researchers, led by Stony Brook University paleontologist David Krause, has discovered the remains in Madagascar of what may be the largest frog ever to exist. [More](#)
- Volunteers Across Nation to Track Climate Clues in Spring Flowers**
February 14, 2008 - A nationwide initiative starting this week will enable volunteers to track climate change by observing the timing of flowers and foliage. [More](#)

Each headline is accompanied by a small image: a man in a lab coat in a chemistry lab, a fossilized frog, and yellow spring flowers.

Research.gov Beta Business Services

- **Grant Application Status**
 - Sponsored Projects Offices and Principal Investigators (PIs) can check the status of proposals submitted to NSF and CSREES as they are received and reviewed.

- **They can also view:**
 - A history of submissions
 - Panel summaries and reviews (PIs only)

- **Institution and User Management** – Allows the Institution Administrator to add users and manage their roles and profiles.

The top screenshot shows the 'Grants Application Status' page with a table of applications. The bottom screenshot shows the 'Application Detail' page for a specific grant.

Agency	Agency Tracking Number	Grants.gov Tracking ID	Legal Name	Grant Application Title	Status	Status Date	Received Date	Requested Amount
NSF	0803337		UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INC	Doctoral Dissertation Research: Health and Nature in Twentieth and Twenty-first Century Zululand	Awarded	12/01/07	06/27/07	\$172,082
NSF	0803337	GRANT00484511	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION INC	Doctoral Dissertation Research: Health and Nature in Twentieth and Twenty-first Century Zululand	Declined	11/20/07	01/27/08	\$114,785

The bottom screenshot shows the 'Application Detail' page for the grant with the following information:

- Agency Information:** Agency Name: National Science Foundation
- Application Information:** Agency Tracking Number: 0003337; Grants.gov Tracking ID: 007096601; Descriptive Title of Project: Interdisciplinary Workshop on Reputation Systems in Online Communities
- Received Date:** 12/30/01
- PI/PI:** Sotheaeros Kieip
- co-PI(s)/co-PI(s):** Rebecca Mercuri
- Authorized Representative:** John Smith
- Legal Name:** SUNY at Buffalo - Fingerlakes
- Program Information:** Program Title: DIGITAL SOCIETY & TECHNOLOGIES; Program Code: C250057; CFDA Number: 47.050; CFDA Title: CSE; Funding Opportunity Number: 05-500; Division/Area of Science: Computer Science; Program Contact Name: Marcus Falco

This is Just the Beginning...

- Research.gov will deliver services based on the priorities of the research community. Candidate upcoming service offerings include:
 - **Principal Investigator/Reviewer Profile Update Service** - Integrated online tool to allow Principal Investigators and Reviewers to update their profile in one easy place.
 - **Program Officer Service** - Tools for program officers to find information and manage their grant portfolios.
 - **Federal Financial Report** - Online tool to complete and submit grant financial reports using the new government-wide standard form.
 - **Research Performance Progress Reports** - Online tool to complete and submit research performance progress reports using the new government-wide research and related dataset.
 - **Research Spending and Results Sub-award Search** - Sub-award information from NSF and partner agencies available to be searched by the public
 - **Payments and Cash Requests** - Online tools to request electronic funds disbursement and payment.

Visit Research.gov!

Please visit Research.gov at:

www.research.gov

For more information, contact:

The Research.gov Team

(703)-292-8150

gmlob@nsf.gov

Accessing Documents on the NSF Website

- www.nsf.gov

- Click:  Looking for Funding?

- Proposal & Award Policies & Procedures Guide

- Proposal Preparation & Submission

- Grant Proposal Guide

- Frequently Asked Questions

- Award Administration

- Award & Administration Guide

- Grant & Agreement Conditions

- Frequently Asked Questions



NSF Outreach/Learning Opportunities

● NSF Regional Grants Conference

- Two-day, bi-annual conference
 - October 20-21, 2008 in Omaha, NE
- NSF Representatives from:
 - All NSF Directorates
 - Office of Budget, Finance & Award Management
 - Office of International Science & Engineering
 - Office of the General Counsel
 - Office of the Inspector General
- More information & registration at:
<http://www.nsf.gov/bfa/dias/policy/outreach.jsp>

● SRA & NCURA Conferences

- Annual and regional conference participation
- NSF-Updates and Workshops

● Focused Outreach

- Tribal Colleges, HBCUs, HSIs

Questions



Presentation available at:

<http://www.nsf.gov/bfa/dias/policy/outreach.jsp#present>