



National Science Foundation **GRANTS CONFERENCE**

Arlington, VA ♦ November 2-3, 2015
Hosted by Georgetown University



GEORGETOWN UNIVERSITY

NSF Policy Update



Speaker

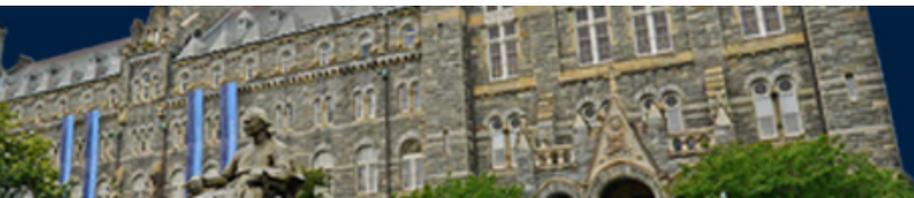
Jean Feldman

Head, Policy Office; Office of Budget, Finance & Award Management; Division of Institution & Award Support



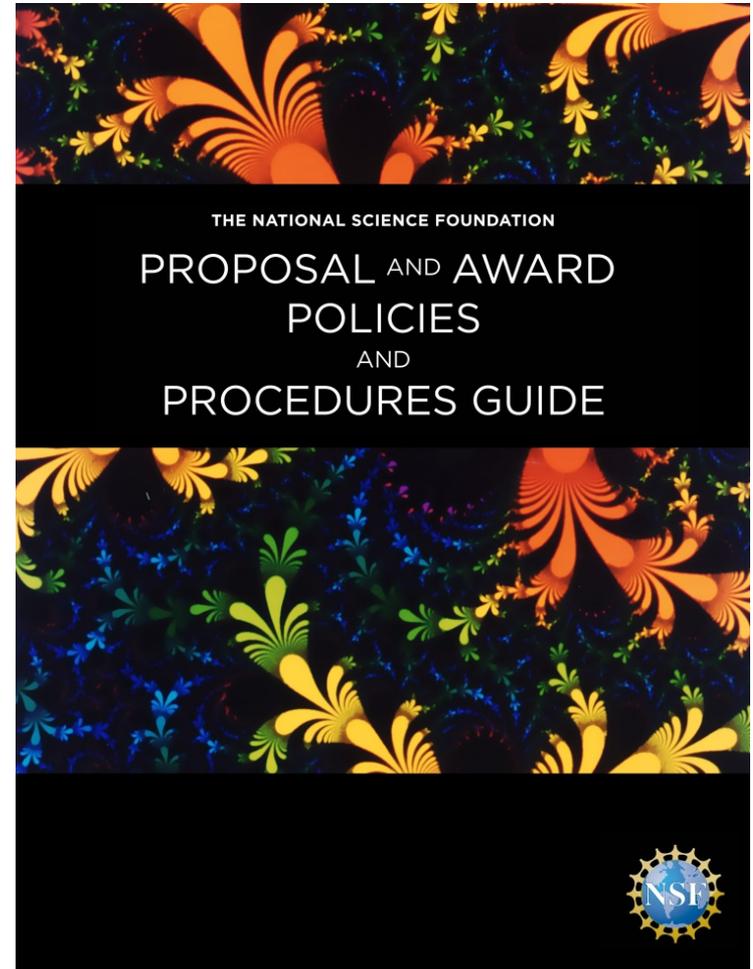
Topics

- Proposal & Award Policies & Procedures Guide (PAPPG) Revision: Implementation Schedule & Significant Changes
- NSF Public Access Plan
- Research.gov
 - Notifications & Requests
- Automated Compliance Checking
- Reducing Administrative Burden – Pilots



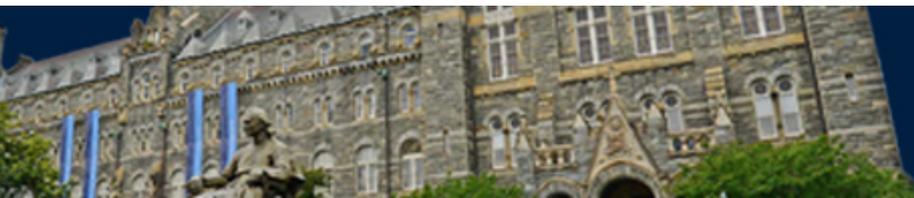
NEW PAPPG Implementation Schedule

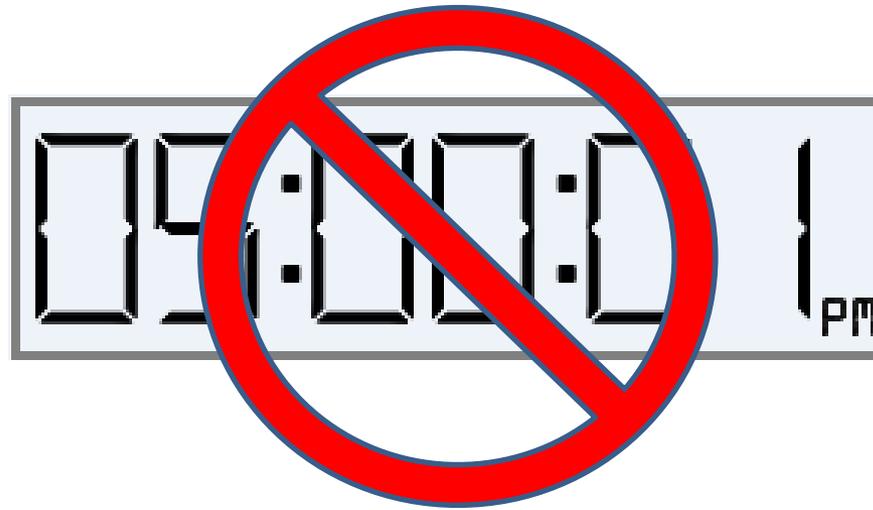
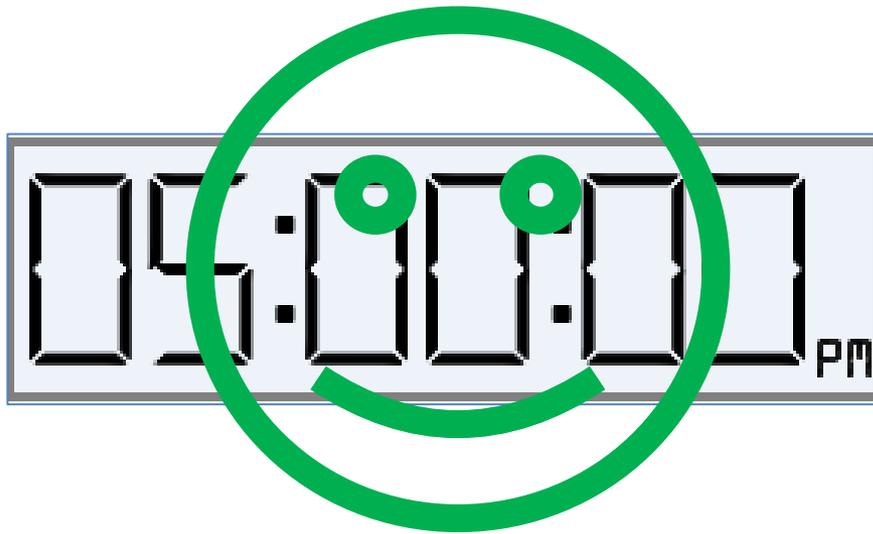
- May 19, 2015 – Posted in Federal Register
- October 15, 2015 – Published
- January 25, 2016 – Effective Date



PAPPG – Significant Changes

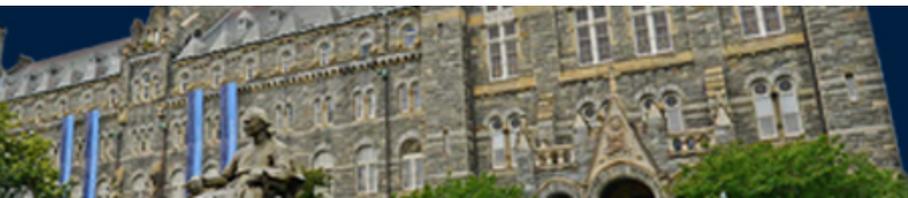
- AOR will now provide proposal certifications upon submission of the proposal, thus removing the ability for post-submission certification.
- 5 p.m. submitter's local time is standard for all submissions, including proposals submitted in response to solicitations.





PAPPG – Significant Changes (Cont'd)

- Language has been removed permitting solicitations to specify different type size, margin and spacing requirements.
- Collaborator and Other Affiliation Information has been removed from Biographical Sketch and will now be submitted as a single copy document.
 - Page limitation on Biographical Sketch remains two pages.
- Use of “should” and “must” has been reviewed throughout, and revised, where appropriate.



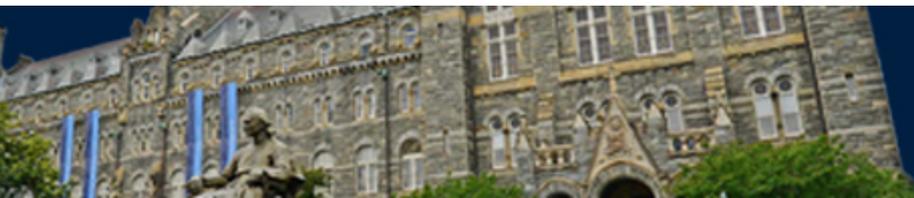
PAPPG – Significant Changes (Cont'd)

- Results from Prior NSF Support have been clarified:
 - Identify when the start of the five year period begins; and
 - Provide examples of the types of NSF awards included as prior support.
- Biographical Sketches and Current and Pending Support information may no longer be submitted as a single PDF (to permit automated compliance checking).
 - There is special treatment for biographical sketches of “Other Personnel” and “Equipment Users”



PAPPG – Significant Changes (Cont'd)

- Internal funds allocated toward specific projects has been added as an example of Current and Pending Support.
- Greater clarity has been provided regarding the type of information necessary for proposals that include use of vertebrate animals.
- NSF implementation of Dual Use Research of Concern has been incorporated.
- Language has been added regarding NSF's implementation of the Federal Awardee Performance and Integrity Information System.



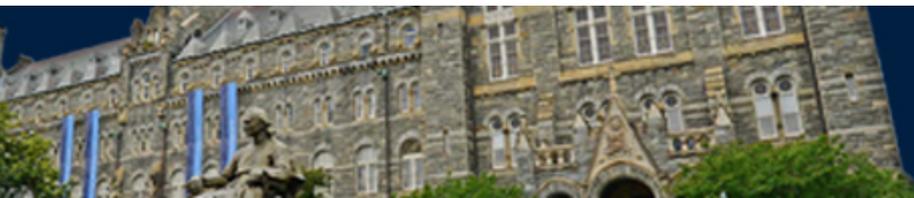
PAPPG – Significant Changes (Cont'd)

- Post-award Notification and Request instructions have been revised to specify that such communications must be signed and submitted by the AOR.
- Public Access Implementation incorporated into the AAG, with a link to the award term and condition.
- Additional information provided regarding the types of costs appropriate for conference proposals.
- Due date for submission of the final project report and the Project Outcomes Report has been changed from 90 days to 120 days for consistency with financial reporting information.



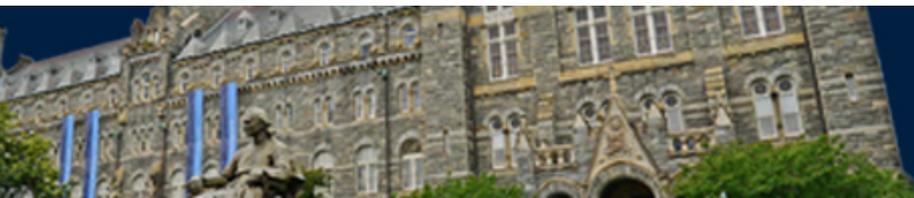
NSF Public Access

- Expanding Public Access to the Results of Federally Funded Research (February 22, 2013)
- NSF Public Access Website:
nsf.gov/news/special_reports/public_access/
 - NSF's Public Access Plan
- NSF partnered with DOE to develop NSF-PAR, the first NSF publication repository



NSF Public Access Key Principles

- Focus on publications in the initial implementation
- Minimize burden on PI
- Protect PI autonomy
- Evolve incrementally
- Learn from one phase to inform the next
- Leverage existing practices and systems
- Honor NSF's customer service standard
- Provide ways to communicate and petition for a waiver
- Requirement will follow standard procedures and be implemented as part of the NSF PAPPG



NSF Public Access: What do I need to do?

- FY 2016 PAPPG language:

“NSF’s policy on public access to copyrighted material (Public Access Policy) reflects the Foundation’s commitment to making certain that, to the extent possible, the American public, industry and the scientific community have access to the results of federally funded scientific research. Pursuant to this policy, awardees must ensure that articles in peer-reviewed scholarly journals and papers in juried conference proceedings:

- *are deposited in a public access compliant repository (as identified in the Public Access Policy);*
- *are available for download, reading, and analysis within 12 months of publication;*
- *possess a minimum set of machine-readable metadata elements as described in the Public Access Policy; and*
- *are reported in annual and final reports with a persistent identifier.*

Either the final printed version or the final peer-reviewed manuscript is acceptable for deposit. NSF’s Public Access Policy applies to awards, funded in whole or in part, as a result of proposals submitted, or due, on or after January 25, 2016. NSF’s Public Access Policy may be viewed at http://www.nsf.gov/news/special_reports/public_access/index.jsp.

Each NSF grant contains as part of the grant terms and conditions, an article implementing the public access requirements.”

- Requirement: Section 3.1 NSF plan

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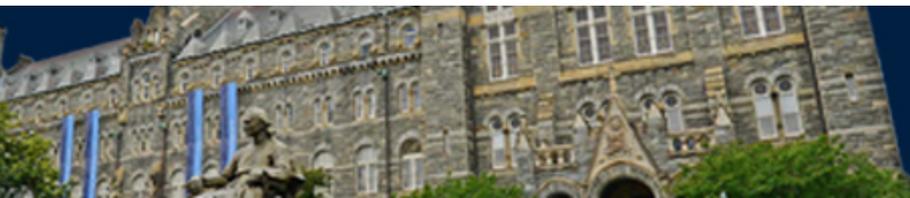
NSF Public Access: Next Steps

- Launch NSF's first repository: end of calendar 2015
 - Finalizing wireframes and conducting usability testing
- Effective date of Public Access policy: January 25, 2016
 - Applies to awards made from proposals submitted after January 2016
 - First set of proposals awarded June - July 2016
 - Likely to see first publications requiring deposit in Fall 2016
- Prior to effective date:
 - PIs will have the option to voluntarily deposit publications in NSF-PAR

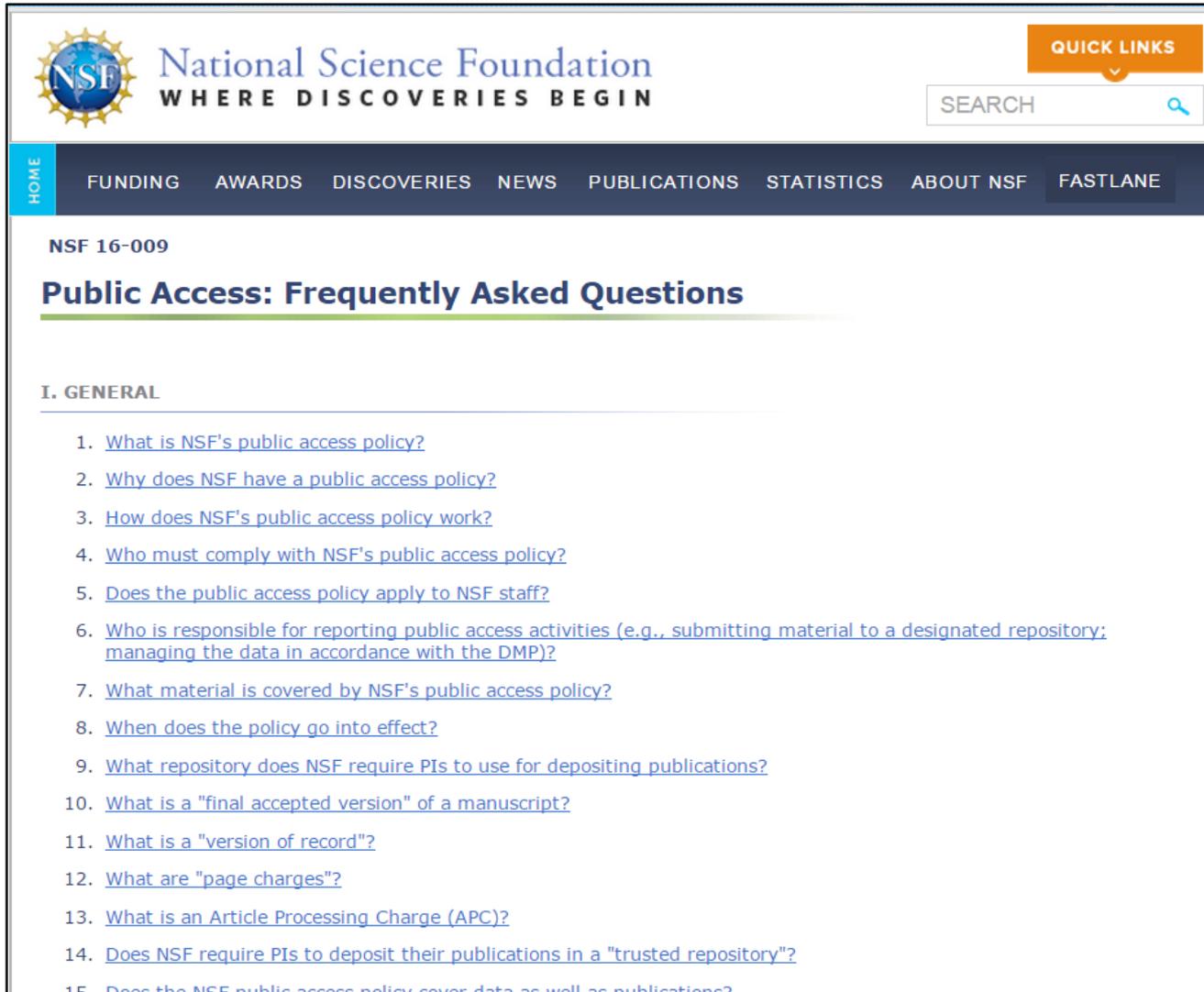


NSF Public Access: Next Steps

- Project Reporting
 - Reduce burden on PIs by automatically ingesting publication information submitted through NSF-PAR into annual and final project reports
 - Cumulative listing of all products
 - Simplify reporting of products
 - Automatic ingest will only happen for awards that must comply with the new Public Access policy
 - NSF will be working with a small group of PIs that will voluntarily deposit publications in NSF PAR to test the automatic ingest process prior to the effective date of new policy



NSF Public Access: FAQs



The screenshot shows the NSF website header with the logo and tagline 'National Science Foundation WHERE DISCOVERIES BEGIN'. A search bar and 'QUICK LINKS' button are in the top right. A navigation bar includes 'HOME', 'FUNDING', 'AWARDS', 'DISCOVERIES', 'NEWS', 'PUBLICATIONS', 'STATISTICS', 'ABOUT NSF', and 'FASTLANE'. The main content area is titled 'NSF 16-009' and 'Public Access: Frequently Asked Questions'. Below this is a section 'I. GENERAL' with a list of 15 questions.

NSF 16-009

Public Access: Frequently Asked Questions

I. GENERAL

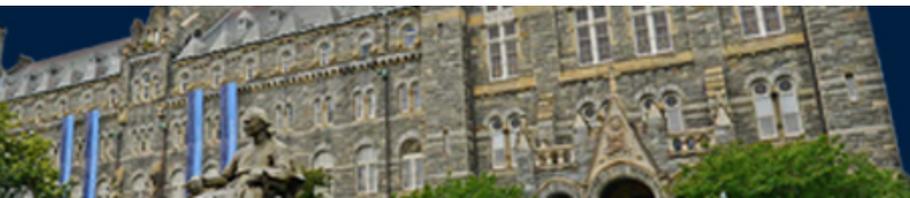
1. [What is NSF's public access policy?](#)
2. [Why does NSF have a public access policy?](#)
3. [How does NSF's public access policy work?](#)
4. [Who must comply with NSF's public access policy?](#)
5. [Does the public access policy apply to NSF staff?](#)
6. [Who is responsible for reporting public access activities \(e.g., submitting material to a designated repository; managing the data in accordance with the DMP\)?](#)
7. [What material is covered by NSF's public access policy?](#)
8. [When does the policy go into effect?](#)
9. [What repository does NSF require PIs to use for depositing publications?](#)
10. [What is a "final accepted version" of a manuscript?](#)
11. [What is a "version of record"?](#)
12. [What are "page charges"?](#)
13. [What is an Article Processing Charge \(APC\)?](#)
14. [Does NSF require PIs to deposit their publications in a "trusted repository"?](#)
15. [Does the NSF public access policy cover data as well as publications?](#)



Research.gov

Notifications and Requests

- Ten additional Notifications and Requests were migrated to Research.gov in August 2015. They include:
 - Long-Term Disengagement of the PI or Co-PI
 - Pre-Award Costs in Excess of 90 Days
 - Significant Changes in Methods/Procedures
 - Significant Changes/Delays or Events of Unusual Interest
 - Changes in Objectives or Scope
 - Reallocation of Funds Provided for Participant Support Costs
 - Change in Person-Months Devoted to the Project
 - Withdrawal of PI or Co-PI
 - Rearrangements/Alterations in Excess of \$25,000 (Construction)
 - Conflicts of Interest
- No Cost Extensions were migrated in October 2015



Research.gov Notifications and Requests (Cont'd)

Features:

- “Prepare New” or view N&Rs needing action
- View all N&Rs whether created in Research.gov or FastLane
- Click the “Go to FastLane” to view N&Rs created in FastLane without signing in again
- N&Rs organized by type
- User will be taken to FastLane if they select a N&R that is not yet available in Research.gov

Prepare New Notification / Request

[< Back to Notifications & Requests](#)

Notifications & Requests is in the process of moving from FastLane to Research.gov. Currently, 3 types of budget modification...

Prepare New

Step 1: Select type of change

- Budget Activities
- No-Cost Extensions
- Changes in Objectives, Scope, or Methodology and other Significant Changes
- Changes in PI/PD and co-PI/PD
- Other

Step 2: Select notification / request

Change in Person-Months Devoted to Project
Pre-award Costs in Excess of 90 Days
Reallocation of Funds Provided for Participant Support Costs
Rearrangements/Alterations in excess of \$25,000 (Construction)
Salaries of Administrative or Clerical Staff
Travel Costs for Dependents
Additional categories of participant support costs other than those described in 2 CFR § 200.75

Go

NSF

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Automated Compliance Checking

- NSF continues to focus on implementing automated proposal compliance checks to reduce workload.
- Newest set of compliance checks surround proposals submitted in response to program solicitations (by funding mechanism). Warning messages are triggered if any of the following sections are not included:
 - References Cited
 - Biographical Sketch(es)
 - Budget Justification: Primary Organization
 - Budget Justification: Sub-recipient Organization
 - Current and Pending Support
 - Facilities, Equipment and Other Resources
- Grants.gov does not perform these types of compliance checks and may allow a proposal to be submitted.



Automated Compliance Checking

AUTOMATED PROPOSAL COMPLIANCE CHECKS PERFORMED BY SYSTEM AS OF JULY 24TH, 2015.*

| COMPLIANCE CHECK | FUNDING OPPORTUNITY TYPE | ERROR / WARNING | FUNDING MECHANISM TYPE | | | | | | | | |
|---|--|-----------------|------------------------|-------|-------|-----------|------------|-----------|----------------------|-----------------|------------|
| | | | RESEARCH | RAPID | EAGER | IDEAS LAB | CONFERENCE | EQUIPMENT | INTERNATIONAL TRAVEL | FACILITY/CENTER | FELLOWSHIP |
| Proposal Section Exists Checks | | | | | | | | | | | |
| 1. Project Summary is required. | GPG Program Description Program Announcement | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | Program Solicitation | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2. Project Description is required. | GPG Program Description Program Announcement | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | Program Solicitation | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3. References Cited is required. | GPG Program Description Program Announcement | ERROR | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | N/A | | |
| | Program Solicitation | WARNING | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | N/A | ✓ | ✓ |
| 4. Biographical Sketch(es) is required. | GPG Program Description Program Announcement | ERROR | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | N/A | | |
| | Program Solicitation | WARNING | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | N/A | ✓ | ✓ |
| 5. Primary Budget is required. | GPG Program Description Program Announcement | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | Program Solicitation | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6. Budget Justification for the Primary Organization is required. | GPG Program Description Program Announcement | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | Program Solicitation | WARNING | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 7. Budget Justification for each Subrecipient Organization that exists is required. | GPG Program Description Program Announcement | ERROR | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| | Program Solicitation | WARNING | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

nsf.gov/bfa/dias/policy/autocheck/compliancechecks_july15.pdf



Proposal Submission Modernization (PSM)

- PSM is a multi-year initiative to modernize the proposal submission capabilities currently in FastLane and implement new capabilities in Research.gov.
- Recent survey results indicate strong interest and support in the following areas:
 - Pre-populating proposals with existing data;
 - Allowing certain documents or approvals (e.g. data management plan, detailed budgets, Institutional Review Board approval) to be submitted after proposal submission;
 - Revising the format of NSF solicitations to identify the difference between solicitation-specific requirements and standard NSF proposal requirements;
 - Tailoring the proposal interface to reflect the requirements of a given funding opportunity;
 - Publishing and enforcing a NSF-wide list of proposal compliance requirements.



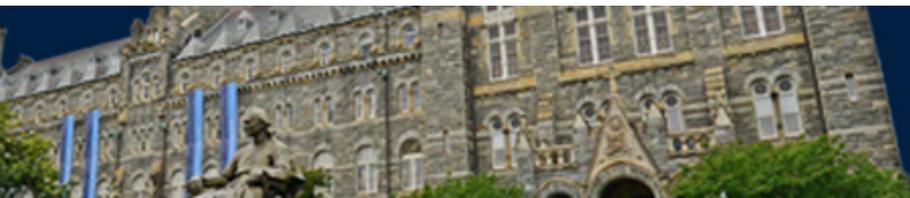
Reducing Administrative Burden

- In January 2015, NSF provided an update to the NSB Report, Reducing Investigators' Administrative Workload for Federally Funded Research.
- NSF is identifying pilot projects to reduce PI and NSF staff administrative burden.
- Considerations are related to preliminary proposals, streamlined budgeting, just-in-time submissions, IRB and IACUC protocols, project reporting and proposal development.



Reducing Administrative Burden Pilot Programs

- “Just-in-Time” budget process for selected core programs in MPS/DMS, MPS/PHY, and ENG/IIP
 - Require only a textual description of the resources necessary to complete the project.
 - Require detailed budget only if the proposal is recommended for an award.
 - Allows reviewers and NSF staff to focus on the science.
- Improving the IACUC process – award to PRIM&R
 - Award is to develop a Train-the-Trainer IACUC Institute
 - Goal is to improve oversight of animal care and use programs nationwide by ensuring IACUC accurately apply current regulatory standards
 - Funding also provided by NIH, FDA, and USDA



Proposal & Award Policy and Guidance

Visit the Policy Office website for NSF policies and guidance



The screenshot shows the NSF Policy Office website. At the top, the NSF logo is on the left, and the text "National Science Foundation WHERE DISCOVERIES BEGIN" is in the center. On the right, there is a "QUICK LINKS" button and a search bar. Below the header is a navigation menu with links for HOME, FUNDING, AWARDS, DISCOVERIES, NEWS, PUBLICATIONS, STATISTICS, ABOUT NSF, and FASTLANE. The main content area is titled "Policy Office" and lists the head as Jean Feldman. It describes the office's role in developing and implementing proposal and award policy. A list of links is provided, including the Draft Proposal & Award Policies & Procedures Guide (PAPPG), the Proposal & Award Policies & Procedures Guide (PAPPG) effective December 26, 2014, and Frequently Asked Questions on NSF's Implementation of 2 CFR § 200. A note mentions that for proposals submitted or due, and awards made before December 26, 2014, users should reference the PAPPG dated February 2014.

Office of Budget, Finance and Award Management (BFA)

Policy Office

HEAD: Jean Feldman

The Policy Office in the [Division of Institution and Award Support](#) is responsible for developing, implementing and issuing proposal and award policy for the programs of the National Science Foundation and is available to assist you with questions involving policy related issues. Questions related to specific awards should be directed to the [Division of Grants and Agreements](#).

Grants & Cooperative Agreements:

- [Draft Proposal & Award Policies & Procedures Guide \(PAPPG\)](#)
- [Proposal & Award Policies & Procedures Guide \(PAPPG\)](#), effective December 26, 2014 - the PAPPG is NSF's implementation of 2 CFR § 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance)
- [Frequently Asked Questions on NSF's Implementation of 2 CFR § 200](#) - updated April 21, 2015
 - For guidance on proposals submitted or due, and awards made before December 26, 2014, continue to reference the [PAPPG dated February 2014](#)

[nsf.gov/bfa/dias/policy/](https://www.nsf.gov/bfa/dias/policy/)



NSF 2015 Survey of Proposers and Reviewers



NSF asks for your help. Please, give us your feedback on NSF's merit review process.

How? By filling out a 30-minute online survey.



Watch your Inbox for an email from **Insight Policy Research containing a link to the survey.**

We encourage you to answer the demographic questions at the end of the survey!

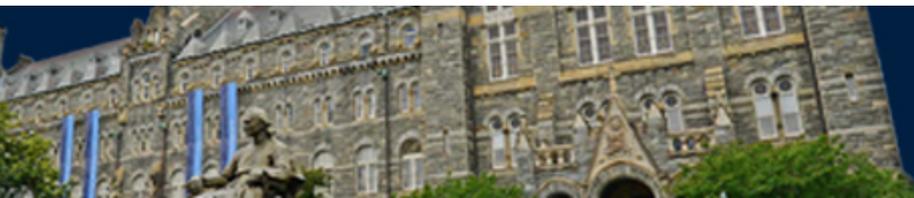
NSF 2015 Survey of Proposers and Reviewers

To provide:

- Information on how the research community experiences the merit review system

Questions on:

- Reviewer and PI workloads
- Reasons why sometimes decline to review
- Factors influencing proposal submission rates
- Factors that contribute to intellectual merit
- Factors that contribute to broader impacts
- Experiences with virtual and face-to-face panels
- Preliminary proposals
- Merit review pilots
- Utility of feedback in reviews
- Interdisciplinary and transformative research



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)

