



Office of Sponsored Programs (OSP) Roundtable

# Updates from the National Science Foundation (NSF)



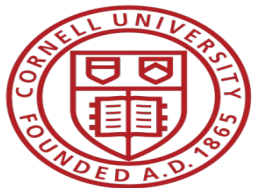
**Jamie Sprague**

Sr. Grant & Contract Officer/Federal Team Lead  
Office of Sponsored Programs



## Agenda

- Updated Proposal and Award Policies and Procedures Guide (PAPPG), NSF 22-1
- Research.gov Updates
- Reminders and Resources

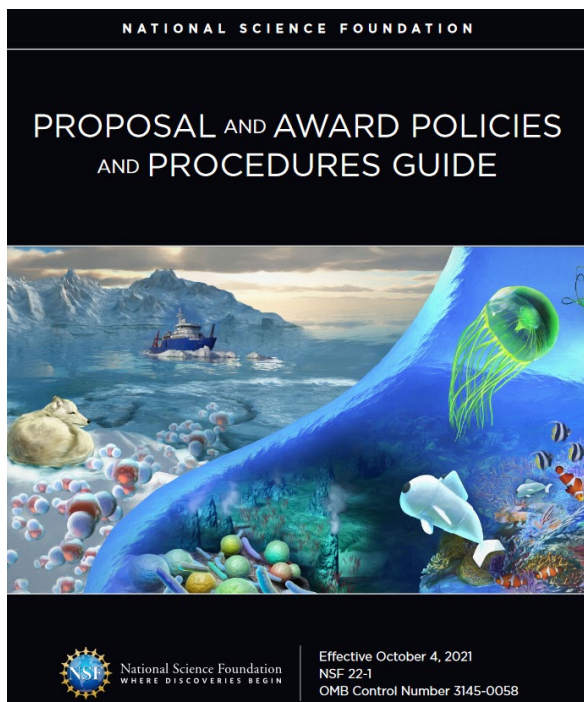


OSP Roundtable – NSF Updates

# Proposal and Award Policies and Procedures Guide (PAPPG)



# Proposal & Award Policies & Procedures Guide (PAPPG)



- **What:** Proposal and award process for NSF assistance programs, as well as NSF's implementation of the Uniform Guidance (2 CFR 200).
- **When:** Effective for proposals submitted or due, and awards made, on or after October 4, 2021.
- a.k.a. NSF 22-1



## Proposal & Award Policies & Procedures Guide

### Significant Changes and Clarifications

#### PAPPG - Introduction

##### A. About the NSF

##### B. Foreword

##### C. Acronym List

##### D. Definitions

##### E. NSF Organizations

### Table of Contents

#### Part I: Proposal Preparation and Submission Guidelines

##### I. Pre-Submission Information

##### II. Proposal Preparation Instructions

##### III. NSF Proposal Processing and Review

##### IV. Non-Award Decisions and Transactions

NSF 22-1 October 4, 2021

## Table of Contents

[PAPPG - printable version \(PDF\)](#)

[Significant Changes and Clarifications to the PAPPG](#)

### Introduction

#### A. [About the National Science Foundation](#)

#### B. [Foreword](#)

#### C. [Listing of Acronyms](#)

#### D. [Definitions & NSF-Grantee Relationships](#)

#### E. [NSF Organizations](#)

### Part I - Proposal Preparation and Submission Guidelines

#### I. [Pre-Submission Information](#)

A. [NSF Proposal Preparation and Submission](#)

B. [NSF Programs and Funding Opportunities](#)

NSF 22-1 October 4, 2021

## Significant Changes and Clarifications to the PAPPG

### OVERALL DOCUMENT

- Editorial changes have been made throughout to either clarify or enhance the intended meaning of a sentence or section. References to the Large Facilities Manual have been updated to the new title of Major Facilities Guide.
- Editorial changes have been made throughout to either clarify or enhance the intended meaning of a sentence or section.
- References and definitions have been updated for consistency with the revised 2 CFR §200 that was issued by the Office of Management and Budget in August 2020.
- Given that the term Principal Investigator includes the term Project Director (PD) and co-Principal Investigator includes the term co-Project Director (co-PD), references to PD and co-PD have been removed throughout the document to improve readability.
- References to functionality available in Research.gov have been added throughout, where appropriate.

### SIGNIFICANT CHANGES

- **Chapter II.A.2, Requests for Reasonable and Accessibility Accommodations**, is an entirely new section which provides guidance on the process for submitting requests for reasonable accommodations regarding the proposal process or requests for accessibility accommodations to access NSF's electronic systems, websites, and other digital content.
- **Chapter II.C.2.f, Biographical Sketches**, has been revised to increase the page limit for biographical sketch(es) to three pages. This section also has been updated to include reference to a new table entitled [NSF Pre-award and Post-award Disclosures Relating to the Biographical Sketch and Current and Pending Support](#). The table has been developed to assist users in completion of these sections of the proposal.



# \*FLASHBACK\*

## NSF 20-1 Significant Changes

- Big changes to the Biosketch/Current & Pending Support requirements
  - Update #1** – Increased scope of required disclosure
  - Update #2** – Disclosures required in Facilities, Equipment, and Other Resources
    - <https://researchservices.cornell.edu/policies/nsf-disclosing-current-pending-support-biographical-sketches-and-international>
  - Update #3** – Must be submitted in a NSF approved format only
    - Option 1: SciENCv
    - Option 2: NSF approved PDF format

April 2020 OSP Roundtable, “NSF Updates”

[https://vod.video.cornell.edu/media/April+2020+OSP+Roundtable+Zoom+Recording/1\\_m3t1xeuv](https://vod.video.cornell.edu/media/April+2020+OSP+Roundtable+Zoom+Recording/1_m3t1xeuv)



## NSF 22-1 Significant Changes

- **Biosketch/Current & Pending Support**

**Update #1** – New table which identifies where pre- and post-award current and pending support disclosure information must be provided

- “NSF Pre-award and Post-award Disclosures Relating to the Biographical Sketch and Current and Pending Support”
- [https://www.nsf.gov/bfa/dias/policy/disclosures\\_table/june2021.pdf](https://www.nsf.gov/bfa/dias/policy/disclosures_table/june2021.pdf)



# \*FLASHBACK\*

## NSF 20-1 Significant Changes

### Update #2 – Disclosure required in Facilities, Equipment, and Other Resources

Will be used on the project?

	Intended for use on the project being proposed to NSF	<b>Not</b> intended for use on the project being proposed to NSF
In-kind item or service received <b>with</b> an associated time commitment	<b>Facilities, Equipment and Other Resources</b>	<b>Current &amp; Pending</b>
In-kind item or service received <b>without</b> an associated time commitment		<b>Not required to be reported to NSF</b>

Is there a time commitment?



## NSF Pre-award and Post-award Disclosures<sup>1/2/3</sup> Relating to the Biographical Sketch and Current and Pending Support

### Table Key

\* = for new support only

◆ = If undisclosed at the time of proposal submission

Type of Activity	Biographical Sketch	Current & Pending Support	Facilities, Equipment & Other Resources	Project Reports	Post-Award Information Term & Condition	Disclosure Not Required
Undergraduate, graduate, and postdoctoral training, including location, major/area and degree and year	✓					
Academic, professional <sup>4</sup> or institutional appointments, whether or not remuneration is received, and, whether full-time, part-time, or voluntary	✓					
All projects (including this project) currently under consideration from whatever source, and all ongoing projects, irrespective of whether support is provided through the proposing organization, another organization or <i>directly</i> to the individual		✓		✓*	✓◆	
In-kind contributions that support the research activity for use on the project/proposal being proposed			✓			

Type of Activity	Biographical Sketch	Current & Pending Support	Facilities, Equipment & Other Resources	Project Reports	Post-Award Information Term & Condition	Disclosure Not Required
In-kind contributions not intended for use on the project/proposal being proposed to NSF and have an associated time commitment		✓		✓*	✓◆	
Consulting that is permitted by an individual's appointment and consistent with the proposing organization's "Outside Activities" policies and procedures						✓
Consulting that falls outside of an individual's appointment		✓		✓*	✓◆	
Travel supported/paid by an external entity to attend a conference or workshop						✓
Travel supported/paid by an external entity to perform research activities with an associated time commitment		✓		✓*	✓◆	
Honoraria						✓
Teaching commitments						✓
Startup company based on organization-licensed Intellectual Property (IP)						✓
Startup company based on non-organization-licensed IP		✓		✓*	✓◆	
Unrestricted Gifts						✓
Visiting scholars in labs						✓
Mentoring as part of appointment						✓
Graduate and postdoctoral researchers time on project						✓
Academic Year Salary						✓



## NSF 22-1 Significant Changes

- **Biosketch/Current & Pending Support**

**Update #2** – Biosketch page limit increased from 2 to 3 pages

*A separate biographical sketch (limited to three pages) must be provided through use of an NSF-approved format, for each individual designated as senior personnel. (See Exhibit II-3 for the definitions of Senior Personnel.)*

PAPPG NSF 22-1, Chapter II.C.2.f

[https://www.nsf.gov/pubs/policydocs/pappg22\\_1/pappg\\_2.jsp#IIC2f](https://www.nsf.gov/pubs/policydocs/pappg22_1/pappg_2.jsp#IIC2f)

**December 2020 OSP Roundtable, “SciENCv”**

<https://www.youtube.com/watch?v=SAA4O83mqRE>



## SciENcv Reminders



- <https://www.ncbi.nlm.nih.gov/sciencv/>
- Web-based system created and hosted by the National Institutes of Health (NIH)
- Key features
  - Stores information needed for federal applications in one location
  - Links to other accounts (ORCID, NIH ID, NSF ID, NCBI) to help pre-populate data
  - Has flexibility to create documents from scratch, copy a previous version as a starting point, or base information off of a linked account
  - Researchers can delegate administrators permission to assist with document creation.



## NSF 22-1 Significant Changes

- **Biosketch/Current & Pending Support**

**Update #3** – Objectives and overlap section added to Current & Pending document requirements

*A brief statement of the overall objectives of the project/proposal being proposed or in-kind contribution must be provided. The submission also should summarize potential overlap with any active or pending proposal or in-kind contribution and this proposal in terms of scope, budget, or person-months planned or committed to the project by the individual.*

PAPPG NSF 22-1, Chapter II.C.2.f(iv)

[https://www.nsf.gov/pubs/policydocs/pappg22\\_1/pappg\\_2.jsp#IIC2f](https://www.nsf.gov/pubs/policydocs/pappg22_1/pappg_2.jsp#IIC2f)



## NSF 22-1 Significant Changes

- **Planning Proposals \*NEW\***

- Used to support initial conceptualization, planning and collaboration activities that aim to formulate new and sound plans for large-scale projects in emerging research areas for future submission to an NSF program.
- Requests may be up to \$100,000 per year for up to 2 years.
- PIs must contact the NSF program officer(s) whose expertise is most germane to the proposal topic prior to submission of a planning proposal to aid in determining the appropriateness of the work for consideration under this type of proposal. Email documentation from at least one program officer must be included as a supplemental document within the proposal.
- See PAPPG 22-1 Chapter II.F.1



## NSF 22-1 Significant Changes

- **Career-Life Balance Supplemental Funding Requests**

- Used to supplement awards to address the complexities of dependent care or other family considerations in the STEM workforce. Provides support for additional personnel to sustain work while Sr./Key Personnel, postdoc, or graduate student is on family leave for either primary dependent care responsibilities or other direct family considerations.
- May request funding for up to six months of salary support or stipend for a maximum of \$30,000 in direct costs. Duration of the salary/stipend support may not exceed the duration of the family leave. Fringe benefits and associated indirect costs (F&A), but not tuition, may be included in addition to the salary costs.
- Requests will be considered for three types of awards;
  - 1) Research Awards
  - 2) PostDoc Fellowships made to an institution, not an individual
  - 3) Graduate Student Fellowship Program (GFRP)
- See PAPPG 22-1 Chapter II.F.8



## NSF 22-1 Significant Changes

- **Travel Proposals**

- Used to request support for travel, either domestic and/or international, for participation in scientific and engineering meetings
- **\*NEW\*** Language has been added which specifies that by signing the cover page, the Authorized Organizational Representatives is certifying that the proposer will assure that the meeting organizer has a written policy or code-of-conduct addressing harassment.
- See PAPPG 22-1 Chapter II.F.11





## NSF 22-1 Significant Changes

- **Other changes**

- Incorporates new requirements specified in 2 CFR §200.344(i). **If a grantee does not submit all required reports within one year of the period of performance end date, NSF must report the grantee's material failure to comply with the terms and conditions of the award with the OMB-designated integrity and performance system.**
- References and definitions have been updated for consistency with the revised 2 CFR §200 that was issued by the Office of Management and Budget in late 2020.
- References to functionality available in Research.gov have been added throughout, where appropriate.
- Unique Identity Identifier (UEI) requirements added, effective April 2022.



OSP Roundtable – NSF Updates  
Research.gov Update



# Research.gov



- Current features (**\*NEW\***)
  - Proposal Submission
    - Research, **Equipment, Travel, RAPID, EAGER, RAISE, and FASED**
    - Full proposals (i.e. no LOI, preliminary, and renewal proposals)
    - Collaborative proposals, including from multiple organizations and subawards
    - **Withdraw proposals**
  - Post-award notifications and requests
  - Project Reporting
  - Account Management, including FastLane log-in and password reset
  - **Research.gov “Sandbox”**



# Research.gov

- Proposal features in development:
  - LOIs, pre-proposals, renewals
  - Conference, GOALI, Ideas Lab, SBIR/STTR
- Other planned improvements:
  - Center, Research Infrastructure, and Fellowship proposals
  - Proposals with additional requirements (ex: specified forms or documents, approved deviations from the PAPPG)
  - Single copy documents
  - Upload of supplementary documents separately

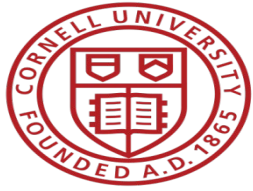
**Research.gov Release Timeline:** [https://www.research.gov/common/attachment/Desktop/Release\\_Timeline.pdf](https://www.research.gov/common/attachment/Desktop/Release_Timeline.pdf)



# Research.gov

- Important Notice No. 147, “Research.gov Implementation Update”
  - Dated September 2020
  - Set a tentative target date for completion of the move from FastLane to Research.gov in 2022
  - Specific funding opportunities will start to require the use of Research.gov
    - Directorate for Biological Sciences (BIO)

Due to the current limitations in Research.gov PIs and research administrators are encouraged to carefully consider whether Research.gov is appropriate to use for proposal submission before starting an application.



# OSP Roundtable – NSF Updates Reminders and Resources



## Reminders!

- **Annual and Final Technical Reports**
- **Project Outcomes Report**
- **Post-award Prior Approvals**
  - Changes in Objective or Scope
  - Disengagement of PI/Co-PI



## Resources – PAPPG 22-1

### **NSF 22-1, HTML**

[https://www.nsf.gov/pubs/policydocs/pappg22\\_1/index.jsp](https://www.nsf.gov/pubs/policydocs/pappg22_1/index.jsp)

### **NSF 22-1, PDF (193 pages)**

[https://www.nsf.gov/pubs/policydocs/pappg22\\_1/nsf22\\_1.pdf](https://www.nsf.gov/pubs/policydocs/pappg22_1/nsf22_1.pdf)

### **NSF 22-1 Significant Changes**

[https://www.nsf.gov/pubs/policydocs/pappg22\\_1/sigchanges.jsp](https://www.nsf.gov/pubs/policydocs/pappg22_1/sigchanges.jsp)

### **NSF 22-1 Webinar Recording (TBD)**

TBD

### **NSF 22-1 Webinar PowerPoint (TBD)**

TBD





## Resources – NSF Biosketch/Current & Pending

### **NSF Approved Formats for Biosketch**

<https://www.nsf.gov/bfa/dias/policy/biosketch.jsp>

### **NSF-Approved Formats for Current & Pending**

<https://www.nsf.gov/bfa/dias/policy/cps.jsp>

### **Biosketch and Current & Pending FAQs – October 2020**

<https://www.research.gov/common/attachment/Desktop/NSFPDF-FAQs.pdf>

### **\*NEW\* FAQs Regarding Current and Pending Support – June 2021**

[https://www.nsf.gov/bfa/dias/policy/cps\\_faqs/currentandpendingfaqs\\_june2021.pdf](https://www.nsf.gov/bfa/dias/policy/cps_faqs/currentandpendingfaqs_june2021.pdf)

### **\*NEW\* NSF Pre-award and Post-award Disclosures Relating to the Biographical Sketch and Current and Pending Support**

[https://www.nsf.gov/bfa/dias/policy/disclosures\\_table/june2021.pdf](https://www.nsf.gov/bfa/dias/policy/disclosures_table/june2021.pdf)



## Resources – Research.gov

**\*UPDATED\* Research.gov FAQs**

**\*NEW\* Research.gov Proposal Demo Video (16-minutes)**

**\*NEW\* Research.gov About Proposal Preparation and Submission How-to Guides**

[https://www.research.gov/research-portal/appmanager/base/desktop?nfpb=true&pageLabel=research\\_node\\_display&nodePath=/researchGov/Service/Desktop/ProposalPreparationandSubmission.html](https://www.research.gov/research-portal/appmanager/base/desktop?nfpb=true&pageLabel=research_node_display&nodePath=/researchGov/Service/Desktop/ProposalPreparationandSubmission.html)



## Resources – SciENcv

### **NSF SciENcv FAQs**

<https://www.research.gov/common/attachment/Desktop/SciENcv-FAQs.pdf>

### **SciENcv YouTube Tutorial (~3 mins.)**

<https://www.youtube.com/watch?v=PRWy-3GXhtU&feature=youtu.be>

### **Integrating SciENcv with ORCID (~4 mins.)**

[https://www.youtube.com/watch?v=G\\_cKSRr7TJ4&feature=youtu.be](https://www.youtube.com/watch?v=G_cKSRr7TJ4&feature=youtu.be)

### **Delegating RAs Access in SciENcv**

<https://ncbiinsights.ncbi.nlm.nih.gov/2015/02/19/my-bibliography-and-sciencv-how-to-delegate-authority-to-others-to-editcreate-your-profile-and-collections/>



## Resources – Foreign Influence

### **Foreign Collaborations and Support Webpage**

<https://researchservices.cornell.edu/process/foreign-collaborations-and-support>

### **NSF: Disclosing Current & Pending Support, Biographical Sketches, and International Partnerships Webpage**

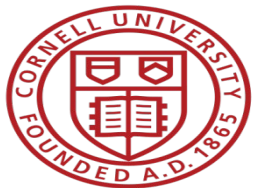
<https://researchservices.cornell.edu/policies/nsf-disclosing-current-pending-support-biographical-sketches-and-international>

### **OSP Roundtable, November 2019 “Disclosing Foreign Relationships and Activities”**

[https://vod.video.cornell.edu/media/November+2019+OSP+Roundtable+Zoom+Recording/1\\_17ovcni7](https://vod.video.cornell.edu/media/November+2019+OSP+Roundtable+Zoom+Recording/1_17ovcni7)

### **OSP Roundtable, September 2020 “Disclosing Foreign Relationships and Activities”**

<https://www.youtube.com/watch?v=SeBCUXTel54>



## OSP Roundtable – NSF Updates **Questions?**

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**Next OSP Roundtable**  
**Thursday, September 16, 9:30-10:30am**