



Office of Sponsored Programs (OSP) Roundtable

National Science Foundation (NSF) Updates

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Agenda

- Updated Proposal and Award Policies and Procedures Guide (PAPPG), NSF 20-1
 - Significant Changes
 - SciENCv
 - Clarifications and Other Changes
- Research.gov Update
- Reminders and Resources

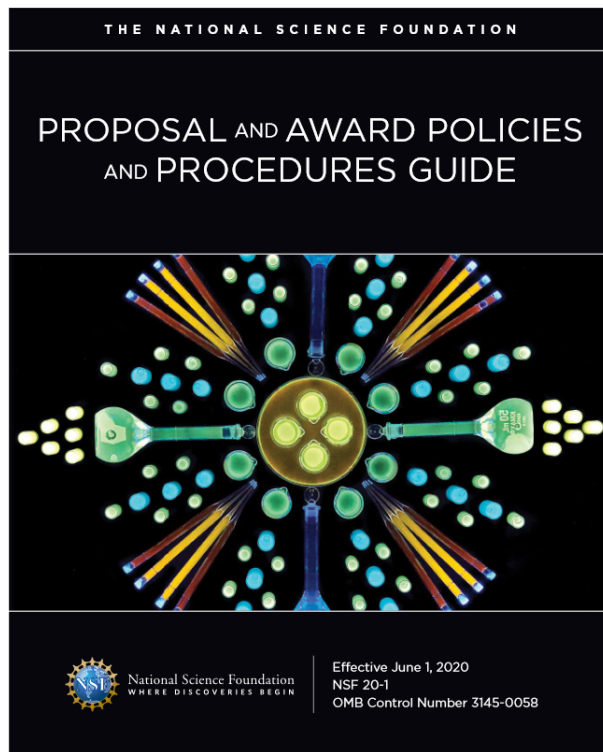


OSP Roundtable – NSF Updates

Proposal and Award Policies and Procedures Guide (PAPPG)



Proposal and Award Policies and 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 June 1, 2020.
- a.k.a. NSF 20-1



Proposal & Award Policies & Procedures Guide



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NSF 20-1 June 1, 2020

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Part I - Proposal Preparation and Submission Guidelines

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NSF 20-1 June 1, 2020

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.

SIGNIFICANT CHANGES

- **Chapters I.G, How to Submit Proposals, II.C.1.d, Proposal Certifications and XI.A, Non-Discrimination Statutes and Regulations** have been updated to implement Office of Management and Budget Memorandum M-18-24, "Strategies to Reduce Grant Recipient Reporting Burden". Proposing organizations must submit government-wide representations and certifications in the System for Award Management (SAM). These certifications must be re-certified annually. NSF-specific proposal certifications must still be provided via the Authorized Organizational Representative function in NSF's electronic systems. Prior exhibits in Chapter II on the Drug Free Workplace Certification, Debarment and Suspension, Lobbying and Nondiscrimination have been deleted. Reference to the Certification of Compliance/Civil Rights Certifications in Chapter XI.A.2 has been removed as Nondiscrimination Certifications will now be provided in SAM.
- **Chapter II.C.2.f, Biographical Sketches**, has been modified to require use of an NSF-approved format in submission of the biographical sketch. NSF will only accept PDFs that are generated through use of an NSF-approved format.
- **Chapter II.C.2.h, Current and Pending Support**, has been modified to require use of an NSF-approved format in submission of current and pending support information. NSF will only accept PDFs that are generated through use of an NSF-approved format.
- **Chapter II.E.1 and 2, Rapid Response Research (RAPID) Proposal and Early-concept Grants for Exploratory Research (EAGER) Proposal**, have been implemented with changes which streamline RAPID and EAGER proposals.

https://www.nsf.gov/pubs/policydocs/pappg20_1/index.jsp



NSF 20-1 Significant Changes

- **Current & Pending Support**

Update #1 – Changes have been made to clarify the scope of required disclosure

Current and pending support includes all resources made available to an individual in support of and/or related to all of his/her research efforts, regardless of whether or not they have monetary value. Current and pending support also includes in-kind contributions (such as office/laboratory space, equipment, supplies, employees, students). In-kind contributions not intended for use on the project/proposal being proposed also must be reported.

PAPPG NSF 20-1, Chapter II.C.2.h
https://www.nsf.gov/pubs/policydocs/pappg20_1/pappg_2.jsp#IIC2h



NSF 20-1 Significant Changes

- **Current & Pending Support (cont.)**

- Disclosures now include;

- Financial Support

- Sponsored awards held at Cornell, held at another institution/entity, or held as an individual that support an investigator's research efforts.
- Start-up packages from entities other than Cornell.
- Note: Investigators do not need to disclose Cornell start-up packages or gifts.

- In-kind Contributions

- Non-monetary resources that are uniquely available to key personnel.
- Examples include office/laboratory space, equipment, supplies, employees, students.
- Location of in-kind disclosures is dependent on two factors...



NSF 20-1 Significant Changes

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

Will be used on the project?

		Will be used on the project?	
		Intended for use on the project being proposed to NSF	Not intended for use on the project being proposed to NSF
Is there a time commitment?	In-kind item or service received with an associated time commitment	Facilities, Equipment and Other Resources	Current & Pending
	In-kind item or service received without an associated time commitment		Not required to be reported to NSF



NSF 20-1 Significant Changes

- **Current & Pending Support (cont.)**

Update #3 – C&P must be submitted in a NSF approved format only.

Option 1: SciENCv

More on SciENCv in a moment!

Option 2: NSF-approved PDF format

- Fillable PDF of the current & pending support document.
- Download it, complete the form, and upload as part of their proposal via FastLane, Research.gov, or Grants.gov.
- Please do not modify the PDF template!
- <https://www.nsf.gov/bfa/dias/policy/nsfapprovedformats/cps.pdf>



NSF 20-1 Significant Changes

- **Biographical Sketch**

Update #1 – Changes have been made to clarify the scope of required disclosure;

A list, in reverse chronological order by start date of all the individual's academic, professional, or institutional appointments, beginning with the current appointment. Appointments include any titled academic, professional, or institutional position whether or not remuneration is received, and whether full-time, part-time, or voluntary (including adjunct, visiting, or honorary).

PAPPG NSF 20-1, Chapter II.C.2.f
https://www.nsf.gov/pubs/policydocs/pappg20_1/pappg_2.jsp#IIC2f



NSF 20-1 Significant Changes

- **Biographical Sketch (cont.)**

- Must now include;

- All academic, professional, or institutional appointment held by investigators whether current or previously held.
- Includes domestic or foreign, paid or unpaid, or full/part-time/voluntary.
- Titled academic, professional, or institutional appointments, including adjunct, visiting, or honorary must be disclosed.



NSF 20-1 Significant Changes

- **Biographical Sketch (cont.)**

Update #3 – Biosketch must be submitted in a NSF approved format only.

Option 1: SciENCv

More on SciENCv in a moment!

Option 2: NSF-approved PDF format

- Fillable PDF of the current & pending support document.
- Download it, complete the form, and upload as part of their proposal via FastLane, Research.gov, or Grants.gov.
- Please do not modify the PDF template!
- <https://www.nsf.gov/bfa/dias/policy/nsfapprovedformats/biosketch.pdf>



SciENcv



- <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
 - Can create several documents;
 - NIH Biosketch
 - NIH Fellowship Biosketch
 - NSF Biosketch
 - NSF Current & Pending Support
 - U.S. Department of Education, Institute of Education Sciences (IES) Biosketch



SciENcv



- Key features (cont.)
 - 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. See <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/>



SciENcv



- Resources

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



NSF 20-1 Significant Changes

- **RAPID Proposals**

- Used when there is 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 and similar unanticipated events.
- ***NEW*** Not to be used for...
 - projects that are appropriate for submission as "regular" NSF proposals
 - events that are unanticipated due to lack of awareness of timelines
 - collection of only non-perishable data
- ***NEW*** Email documentation from at least one NSF Program Officer confirming approval to submit a RAPID proposal must be uploaded by the PI as a document entitled "RAPID – Program Officer Concurrence Email" in the Supplementary Documentation section of FastLane.



NSF 20-1 Significant Changes

- **EAGER Proposals**

- Used to support exploratory work in its early stages on untested, but potentially transformative, research ideas or approaches.
- ***NEW*** Not to be used for...
 - projects that are appropriate for submission as "regular" NSF proposals
 - planning grants
 - to support the collection of preliminary data
 - to provide services to NSF
- ***NEW*** Email documentation from at least one NSF Program Officer confirming approval to submit a EAGER proposal must be uploaded by the PI as a document entitled "EAGER – Program Officer Concurrence Email" in the Supplementary Documentation section of FastLane.



NSF 20-1 Clarifications and Other Changes

- **List of Suggested Reviewers or Reviewers Not to Include**
 - Updated to remove the requirement to indicate why the proposer prefers someone not review their proposal.
- **Project Description**
 - Revised to remove the requirement for the Project Description to contain, as a separate section within the narrative, a section labeled "Intellectual Merit".
- **Biosketch, Synergistic Activities**
 - Updated to clarify that synergistic activities should be specific and must not include multiple examples to further describe the activity.



NSF 20-1 NSF 20-1 Clarifications and Other Changes

- **Budget and Budget Justification**
 - Clarification that Line G.2. of the proposal budget also may be used to request funding for data deposit and data curation costs.
- **Submission of a collaborative proposal from multiple organizations**
 - Updated to reflect that for these proposals, the project title must begin with the words "Collaborative Research:"
- **Changes in Person-Months Devoted to the Project and Withdrawal of PI/PD or co-PI/co-PD**
 - Updated to reflect that such requests must be submitted at least 30 days before the proposed change, or as soon as practicable after the prospective change/withdrawal is known.



NSF 20-1 NSF 20-1 Clarifications and Other Changes

- **Conference Proposals**

- Must have a policy or code-of-conduct that addresses sexual harassment, other forms of harassment, or sexual assault, and that includes clear and accessible means of reporting violations of the policy or code-of-conduct. Must be disseminated to conference participants prior to attendance and made available at the conference itself.
- ***NEW*** Must include a plan for recruitment of, and support for, speakers and other attendees, that includes participation of groups underrepresented in science and engineering must be included in the proposal.
- ***NEW*** Must include a description of plans to identify resources for child care and other types of family care at the conference site must be included as well.



OSP Roundtable – NSF Updates
Research.gov Update



Research.gov



- Current features:
 - Research proposals (i.e. no fellowships, RAPID, EAGER, etc.)
 - Full proposals (i.e. no LOIs or pre-proposals)
 - ***NEW*** Collaborative proposals, including from multiple organizations and subawards
 - Enhanced proposal compliance checks
 - Post-award notifications and requests
 - Project Reporting
 - Account Management, including FastLane log-in and password reset



Research.gov

- Future development:
 - Support for single copy documents
 - LOIs and Pre-proposals
 - Non-research proposals
 - SBIR/STTR proposals
 - Withdraw proposals
 - Research.gov “Sandbox”

Due to the current limitations in Research.gov and the upcoming implementation of RASS, OSP is not recommending Research.gov for proposal submission at this time.

Research.gov Release Timeline:

https://www.research.gov/common/attachment/Desktop/Release_Timeline.pdf



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

NSF 20-1, HTML

https://www.nsf.gov/pubs/policydocs/pappg20_1/index.jsp

NSF 20-1, PDF (185 pages)

https://www.nsf.gov/pubs/policydocs/pappg20_1/nsf20_1.pdf

NSF 20-1 Significant Changes

https://www.nsf.gov/pubs/policydocs/pappg20_1/sigchanges.jsp



Resources

NSF 20-1 Webinar Recording (2/6/2020)

<https://www.nsfpolicyoutreach.com/resources/2-20-pappg-webinar/>

NSF 20-1 Webinar PowerPoint (2/6/2020)

<https://www.nsfpolicyoutreach.com/wp-content/uploads/2020/02/20PAPPGupdate.pdf>

Fall 2019 NSF Grants Conference Presentations

<https://www.nsfpolicyoutreach.com/resource-center/>



Resources

SciENCv

<https://www.ncbi.nlm.nih.gov/sciencv/>

NSF SciENCv FAQs

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

NSF Fillable PDF FAQs

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

NSF 20-1 Current & Pending FAQs

https://www.nsf.gov/bfa/dias/policy/papp/pappg20_1/faqs_cps20_1.pdf



NSF 20-1 Significant Changes

Foreign Influence Resources

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>

November 2019 OSP Roundtable

“Disclosing Foreign Relationships and Activities”

https://vod.video.cornell.edu/media/November+2019+OSP+Roundtable+Zoom+Recording/1_17ovcni7



OSP Roundtable – NSF Updates **Questions?**

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Next OSP Roundtable
Thursday, May 21st, 9:30-10:30am