

NSF 23-1 PAPPG Highlights

The new PAPPG will be effective for **proposals submitted or due on or after January 30, 2023**.

Significant changes include: <https://beta.nsf.gov/policies/pappg/23-1/summary-changes>

Formatting Requirements:

- Fonts:
 - Arial, Courier New, or Palatino Linotype – 10 points or larger
 - Times New Roman – 11 points or larger
 - Computer Modern family of fonts – 11 points or larger
 - Font size less than 10 points allowed for formulas, equations, figures, tables, diagram captions – must be readable
- Margins: at least 1 inch in all directions
- Each section should be paginated
 - If a collaborative proposal being submitted from multiple institutions, please be sure pagination is centered rather than right aligned – right alignment may be covered by the Temporary Proposal ID when uploaded into Fastlane
- Strongly encouraged to use single column format – readability is paramount for review

Cover Sheet: filled out in Fastlane

- If this is a collaborative proposal, the title must start with “Collaborative Research:”

Project Summary (should *only* be uploaded as a Supplementary Document if including special characters)

- Should have headers: **Overview**, **Intellectual Merit**, and **Broader Impacts**
- One page maximum

Table of Contents: automatically generated in Fastlane

Project Description

- Limited to 15 pages
- The Project Description also must contain, as a separate section within the narrative, a section labeled “Broader Impacts”.
- Must address the following elements [in any order]
 - Special header: “Results from prior NSF support” : *must describe results of prior NSF support for related education projects in which the PI and/or co-PI have been involved – award should have an end date within the past five years or can include current funding – should be at least one for each PI and co-PI (fine to have one award that speaks to multiple PI/coPIs as long as each person is tied to a project)*
 - Include NSF award number, amount, and period of support
 - Title of the project

- *Summary of results (including accomplishments) with two distinct headings: Intellectual Merit & Broader Impacts*
- *Listing of publications (a complete bibliographic citation) – if none, state "no publications were produced under this award". Must either be provided in this section or in the References Cited section of the proposal.*
- *Evidence of research products and their availability (i.e. data, publications, samples, software, models)*
- *If proposal is for renewed support, a description of the relation of the completed work to the proposed work*
 - Broader Impacts – must be under a special header "Broader Impacts"
 - Intellectual Merit – must be under a special header "Intellectual Merit"
 - Results are limited to five (5) pages worth of the Project Description
- No URLs
- If there is a subaward, must include description of the work performed by each subaward

References cited

- Bibliographic citations only – cannot provide parenthetical information outside of the 15-page project description
- No "et al" – must include all authors

Biographical Sketch(es)

- [Template provided \(SciENCv\) or NSF Template](#)
- Should not exceed three pages
- Required for all Key Personnel
- Uploaded as a single PDF file
- Synergistic Activities: list should include 5 distinct examples that demonstrate the broader impact of the individual's professional and scholarly activities that focuses on the integration and transfer of knowledge as well as it's creation
 - Must be specific and must not include multiple examples to further describe the activity. Examples with multiple components, such as committee member lists, sub-bulleted highlights of honors and prizes, or a listing of organizations for which the individual has served as a reviewer, are not permitted.
 - OSP will strongly suggest one sentence max
- Permit use of "et al" for publication citations in the Products section in the event that listing multiple authors makes it difficult to fit the information into the allotted space (NSF fillable format and SciENCv format);

Budget

Budget Justification

- No more than 5 pages
- Must include the amount for indirect costs in the budget justification
- Must include definition of a year for the institution: *Harvard University's Faculty of Arts and Sciences defines a "year" based on the standard Harvard fiscal year of July 1 through June 30.*

Updated 01/11/2023

- No more than 5 pages for each subaward

Current and Pending Support:

- [Template provided](#) (SciENCv)
- Include the current proposal
- Must be included for all Key Personnel
- Template provided or can upload as individual text into Fastlane

Facilities, Equipment, and Other Resources:

- Aggregated description of the internal & external resources (both physical and personnel) that the organization and its collaborators will provide to the project should it be funded [subcontracts & prime submit one together – collaborative institutions submit on their own]
- Any substantial collaboration with individuals not included in the budget should be described here and documented in a **Letter of Collaboration** from each collaborator

Supplementary Documents

- **Letters of Collaboration** from project partners – [template provided](#)
 - Letters of support from persons endorsing the project but not making a substantial commitment to the project are not allowed
- **Postdoctoral Mentoring Plan**– only need one for the full proposal (if applicable: only needed if funding a postdoc)
 - Limited to one page
- **Data Management Plan**
 - Limited to two (2) pages
- **Collaborators and Other Affiliations (COA) excel** for each individual identified as senior project personnel [[FAQs](#) about the COA list] --- collaborative institutions [submitting on their own] upload their own COA lists

This is based on the NSF [23-1 PAPPG](#).

Individual solicitations supersede these rules should they have any variances.