NSF 19-1 PAPPG Highlights

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

Cover Sheet: filled out in Fastlane

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: generated in Fastlane

Project Description

- Limited to 15 pages
- 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 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"
    - 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"
- 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]
- Should not exceed two 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

Budget

Budget Justification

- No more than 5 pages
- Must include the amount for indirect costs in the budget justification
- No more than 5 pages for each subaward

Current and Pending Support:

- 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 it’s collaborators will provide to the project should it be funded [subcontracts & prime submit one together – collaborative institutions submit on their own]

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)
- [Data Management Plan]
• **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 [19-1 PAPPG](https://www.nsf.gov/pappg/). Individual solicitations supersede these rules should they have any variances.