1. Project Summary Elements & Guidance(2021)

2. Writing the NSF Project Summary
   a. Overview
   b. Intellectual Merit
   c. Broader Impacts an

Guidance for the NSF Project Summary(based on PAPPG)

- Refer to NSF *Proposal and Award Policies and Procedures Guide* (PAPPG) effective October 4, 2021, Chapter II.C.2.b Page II-11

- A proposal must contain a summary of the proposed project
  in length.

- The Project Summary consists of
  - ✓ An   ,
  - ✓ A statement on the   of the proposed activity, and
  - ✓ A statement on the   of the proposed activity.

Writing the NSF Project Summary (based on *research.gov* instructions and PAPPG)

- The   must have:

    ✓ A description of the activity that would result if the proposal were funded and

    ✓ A statement of

Writing the NSF Project Summary

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✓ Describe the potential of the proposed activity to meet the Intellectual Merit criterion.

✓ The Intellectual Merit criterion encompasses the potential to advance knowledge (GPG, III-2, NSF 13-1)

Writing the NSF Project Summary

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  ✓ Describe the potential of the proposed activity to meet the Broader Impacts criterion.

  ✓ The Broader Impacts criterion encompasses the potential to benefit society and contribute to the achievement of specific, desired societal outcomes(GPG, III-2, NSF 13-1).

Writing the NSF Project Summary(based on PAPPG)

- The Project Summary should:

  ✓ Be   to other persons working in the same or related fields, and

  ✓ Insofar as possible,   to a scientifically or technically literate lay reader.

Formatting the NSF Project Summary(based on *research.gov* and PAPPG)

- The Project Summary should:
  - ✓ Not contain page numbers,
  - ✓ Not be an   ,
  - ✓ Be converted to
  - ✓ Can be uploaded on *research.gov* or *FastLane.gov*, unless specified otherwise

- For proposals submitted via FastLane, the Project Summary may ONLY be uploaded as a Supplementary Document if use of special characters is necessary. If uploaded as a Supplementary Document, format the Project Summary to include separate headings for Overview,

Review Criteria for the NSF Project Summary (based on research.gov and PAPPG)

1. What is the potential for the proposed activity to:

   a. Advance knowledge and understanding within its own field

Review Criteria of the NSF Project Summary (based on research.gov and PAPPG)

1. Is the plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale?

2. Does the plan incorporate a mechanism to assess success?

3. How well qualified is the individual, team, or organization to conduct the proposed activities?

4. Are there adequate resources available to the PI (either at the home organization or through collaborations) to carry out the proposed activities?

Review Criteria of the NSF Project Summary (based on research.gov instructions and PAPPG)

- Even if assessment of Broader Impacts outcomes for particular projects is done at an aggregated level, PIs are expected to be accountable for carrying out the activities described in the funded project.
- Thus, individual projects should include:
    - ✓ Clearly stated goals,
    - ✓ Specific descriptions of the activities that the PI intends to do, and
    - ✓ A plan in place to document the outputs of those activities.

Review Criteria of the NSF Project Summary

Such outcomes include, but are not limited to:

- Full participation of women, persons with disabilities, and underrepresented minorities in science, technology, engineering, and mathematics (STEM);
- Improved STEM education and educator development at any level;
- Increased