

ASSEMBLING YOUR APPLICATION

1. Personal Statements

Personal Statements are limited to 2 pages.

- Describe how you and your faculty/industry sponsor will utilize the laboratory environment for your project's success.
- Research Experience: Summarize your research experience in chronological order, emphasizing experiences in technology development and innovation and entrepreneurship to demonstrate technical expertise to conduct the proposed research.
- Doctoral Dissertation: If you are working on your thesis or dissertation, summarize your research and specify key areas of research as applicable to your project.
- Affiliation to Referees: Include names, degrees/work experience & affiliations of individuals submitting reference letters. Specify your work experience and professional relation to the referee.

2. Reference Letters

One reference letter is required. If you have a sponsor, they are required to provide this reference letter. If not, other references are welcome. Two additional letters are recommended.

- Include the name of your department and institution.
- Tell us how long you have known the applicant, and in what capacity. Be as specific as possible.
- If you are the candidate's research supervisor, please comment on the originality of their research statement, and what role, if any, you played in assisting the student with the application.
- Include comments on the applicant's potential for contributing to a globally engaged United States science and engineering workforce academically and highlight relevant prior research experiences for the proposed research and any other details to facilitate selection committee review.

3. Unofficial Transcript

Please include a copy of your Academic Record.

4. Research Proposal

Research proposals are limited to 3 pages. Below are key points to consider while drafting your proposal.

- **Training Goals and Objectives:**
 - Describe your overall training goals for the duration of the fellowship and explain how the proposed fellowship will enable the attainment of these goals.
 - Identify the skills, conceptual approaches, etc. to be learned or enhanced during the award. As applicable, discuss how the proposed research will facilitate your transition to the next career stage.
- **RISEUP Goals**
 - Describe how the proposal aligns with RISE-UP goals, specifically the possibilities for dual use solutions.
 - Identify broader opportunities in your proposed solution as well as possible sectors.
 - Present your product's competitive advantage or unique selling proposition.
- **Main Obstacles:**
 - To the best of your knowledge, identify technical and capability hurdles you may face during the implementation of this project. Also highlight resource issues you speculate may occur.
 - To the best of your knowledge, provide an estimate for your financial costs in the development of your product.
- **Additional Activities:**
 - Propose possible expansion of project into other programs & initiatives, if any.
 - Provide details of additional funding paths such as SBIR, Federal etc.
 - Highlight key milestones and deliverables in technology research and development and the broader impact of your efforts.
 - Describe the activities you will be involved in during the proposed award and a timeline detailing the proposed activities for the entire duration of the program. The activities planned under this award should be individually tailored and well-integrated with your research project.

Formatting Requirements for 'Other' documents.

- PDF format
- Fonts
 - Text: Times New Roman or Arial

- Equations: Cambria Math
- Non-alphabetic characters: Symbol font

Note: It is recommended that equations and symbols be inserted as an image.

- Font size no smaller than 11-pt
- No less than single spacing (approximately six lines of text within a vertical space of one inch)
- 1" margins on all sides, no text inside 1" margins (no header, footer, or page number)
- Standard letter paper size (8.5" by 11")
- File cannot be a scanned image
- File cannot be password protected