



Submitting a SBIR/STTR Phase I Proposal in FastLane

The Phase I SBIR solicitation and STTR solicitation explain what information should go into the proposal. The following steps will walk through the process of submitting a proposal to FastLane, NSF's electronic submission system.

ADA & 508 Compliance Assistance - Please Call the FastLane Help Desk at 1-800-673-6188.

1. Application Overview

Do you have the required registrations?

Before you can register your small business with NSF and prepare/submit a proposal - you **MUST** register your company to do business with the U.S. government through the System for Award Management (SAM). When you register in SAM, you'll have to share your company's "DUNS number" and bank account information.

You'll also have to have an original, signed notarized letter stating that you are the authorized Entity Administrator before your registration will be activated. The SAM.gov registration process is free and takes only 10-15 minutes to initiate but can take **up to one month to complete**. SAM registration expires after one year and must be updated annually.

Once your company is registered in SAM, you are able to register the organization with NSF in Research.gov. Only after registering with Research.gov can you login to FastLane and begin preparing your proposal. (SBIR and STTR proposals are not accepted in Research.gov).

Companies submitting SBIR or STTR proposals to the Federal government must also register with the Small Business Administration's Company Registry.

[Dun and Bradstreet Data Universal Numbering System \(DUNS\)](#)

[System for Award Management \(SAM\)](#)

[Small Business Administration \(SBA\) Company Registry](#)

[NSF Research.gov](#)- register company, Principal Investigator (PI) and Authorized Organizational Representative (AOR)

For SBIR applicants with subawardees and all STTR applicants, the subawardee should be registered in SAM. If the sub awardee organization is NOT registered in SAM, the principal investigator (PI) or a representative at the subawardee organization can call the [research.gov](#) or FastLane Help Desk. NSF will manually register them as an institution in the NSF system.

Register a New Organization

Organizations must be registered with the National Science Foundation (NSF) to submit proposals using NSF's systems. Before a new organization can register with NSF, it must first be registered in the System for Award Management (SAM - <https://www.sam.gov>) and have a DUNS number. Note that completion of the SAM registration process may take up to one month.

Follow the step-by-step process below to register a new organization in Research.gov.

How do I register a new organization with NSF?

- Open [Research.gov](#)
- Click "Sign In" located at the top right of the screen.
- Enter your NSF ID and password and click "Sign In."
- Click "My Profile" located at the top right of the screen.
- Click "Add New Role" from the left navigation bar.
- Click "Add Organizational Role" located in the "Add and Manage Organizations" box.
 - Note: If an organization is new to NSF, you must start the process by setting yourself up as the Administrator for the new organization. You must have an NSF account to start this process. The system will automatically detect that the organization is new and will walk you through setting up the organization and Administrator role.

Add a New Role

For NSF ID 000900841

Welcome to the **Add a New Role** page. Here you can:

- Request one or more user roles
- Register a new organization by clicking on the "Add Organizational Role" button
- Get more information about a role category by clicking on the role details link below each button

For help and more information go to the [About Account Management](#) page

Select one to work on proposal and award activities.

<h4>Prepare Proposals and Manage Awards</h4> <p>Principal Investigator (PI) / co-Principal Investigator (co-PI), Postdoctoral Fellowship Investigator</p> <p>Add Investigator Role</p> <p>Principal Investigator role details</p>	<h4>Add and Manage Organizations</h4> <p>Administrator (Admin), Authorized Organizational Representative (AOR), Sponsored Projects Officer (SPO), View Only User</p> <p>Add Organizational Role</p> <p>Organizational role details</p>
<h4>Manage Financials in Award Cash Management Service (ACMS)</h4> <p>Awardee Preparer, Awardee Certifier, Awardee Financial Representative</p> <p>Add Financial Role</p> <p>Financial role details</p>	<h4>Register as a Graduate Research Fellowship Program (GRFP) Official</h4> <p>Coordinating Official (CO), Alternate Coordinating Official (Alt. CO), Financial Official (FO)</p> <p>Add GRFP Official Role</p> <p>GRFP role details</p>

- Enter your organization is not already registered with NSF, a message will display to confirm that the organization is not found in NSF systems and you will be able to register the organization and become the first Administrator

Add a New Role to Add and Manage Organizations

1. Find Organization
2. Add Information
3. Choose Role(s)
4. Review
5. Confirmation

⚠ Organization Not Registered: This organization is not registered with NSF. You will be required to register as an Administrator on Step 3. If you believe your organization is already registered, please contact your Sponsored Projects Office or equivalent.

Find Organization

Enter DUNS number [What is a DUNS number?](#) [How can I find my DUNS number?](#)

079724686

OR

Select from your Organization and DUNS number list

Select One ▼

Select	DUNS Number	Organization	Organization Contact(s)	Registered with NSF
<input checked="" type="radio"/>	079724686	PEREZ, EDUARDO A	EDUARDO A PEREZ	See all (1) Help

Helpful Tip: If a new organization is registered with NSF without an Administrator, the first user to request a role will become the organization's first Administrator.

- Enter your contact information for the Administrator role, add your organization's information, and then click "Next." (Figure 3)
- Notice the "Administrator" role is pre-selected. Click "Next." (Figure 4)
- Review your organization's information for accuracy and click "Submit." (Figure 5)
- The request to register your organization with NSF will be forwarded via email to your organization's SAM points of contact for their information only. The SAM points of contact will **not** need to approve the request. (Figure 6)

Add a New Role to Add and Manage Organizations

1. Find Organization ✓
2. Add Information
3. Choose Role(s)
4. Review
5. Confirmation

Add Information

The contact information will be used for all communications when performing in approved roles for this organization

*** Required**

Your Contact Details

* Work Phone

* Work Email [?](#)

Organization Details

* Organization Short Name

* Organization Type

* Time Zone [?](#)

* Organization Phone Number

Organization Fax Number

* Organization Email

Add a New Role to Add and Manage Organizations

1. Find Organization ✓

2. Add Information ✓

3. Choose Role(s)

4. Review

5. Confirmation

Due to your selected organization, you will be registered for the following role:

☒ Administrator (Manage Roles)

Previous

Next

Add a New Role to Add and Manage Organizations

1. Find Organization ✓

2. Add Information ✓

3. Choose Role(s) ✓

4. Review

5. Confirmation

Review

Your Contact Details

Organization Name: PLATING FOR ELECTRONICS, INC.
Role: Administrator
Work Email: RRRWemail@RRRWemail.com
Work Phone Number: 1111111111

Organization Details

Organization Short Name: 123
Organization Type: Work Through 12th Grade (Public, State)
Time Zone: America/Phoenix (GMT-7:00)
Organization Phone Number: 1231231231
Organization Fax Number:
Organization Email: 123@123.com

Previous

Submit

Add a New Role to Add and Manage Organizations

1. Find Organization ✓

2. Add Information ✓

3. Choose Role(s) ✓

4. Review ✓

5. Confirmation

✓ Success - your request has been forwarded to the point(s) of contact below. Check the status of this request on the [View My Roles](#) page.

Show 5

Point(s) of Contact	POC Type
STEPHEN DAVINO	SAM POC
CORIE DAVINO	SAM POC

[Continue to My Profile >](#)

[Add Additional Roles >](#)

Helpful Tip: Once an organization is registered with NSF, any updates to organizational information must be made by an organizational Administrator in the FastLane Research Administration module.

Add a New Role to Add and Manage Organizations

1. Find Organization ✓

2. Add Information ✓

3. Choose Role(s)

4. Review

5. Confirmation

Choose Role(s)

Select all roles that apply. [What are these roles?](#)

☒ Administrator (Manage Roles)

☒ Authorized Organizational Representative - AOR (Submit Proposals)

☒ Sponsored Projects Officer - SPO (View/Edit Proposals)

☒ View Only (View Reports)

It is recommended that the Principal Investigator also register as an "Authorized Organizational Representative – AOR" for the organization. The PI creates and uploads all proposal components to FastLane and the AOR formally submits the proposal to NSF. Only PIs with AOR privileges can submit the proposal. Failing to register as an AOR is not a valid excuse for missing the solicitation deadline.

2. Create Proposal

Formatting Instructions

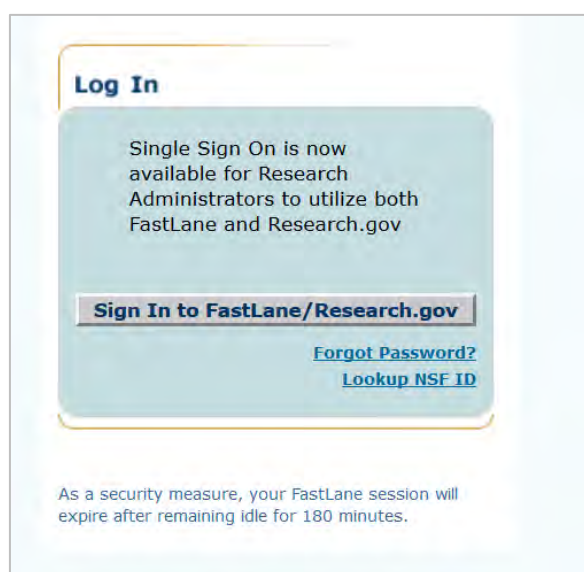
Visit the [PAPPG Guide](#) for information on how to format your proposal.

Create Proposal

Go to the FastLane home page at <https://www.FastLane.nsf.gov>. Select the **Proposal, Awards & Status** link on the top (blue) menu bar.



On the right side of the page, click "Sign In to FastLane/Research.gov"



You will be taken to Research.gov Sign In page. Fill in Sign In information (NSF ID and Password) in the "NSF User Sign In" box on the left side of the screen. **Note: The Principal Investigator (PI) for the proposed Phase I project MUST login and prepare the proposal**

The screenshot shows the 'NSF User Sign In' page on Research.gov. The page has a header with the Research.gov logo and navigation links: 'Sign In', 'Register', 'Home', 'Contact', 'Help', and 'About'. The main content area is titled 'NSF User Sign In' and includes the instruction: 'There are 2 ways to sign in to Research.gov. Use your NSF ID or your organization credentials.' On the left, there is a sign-in box for NSF ID with fields for 'NSF ID' and 'Password', each with a 'Forgot?' link. Below these fields is a 'Sign In' button. To the right of the NSF ID box is a circular arrow icon. On the right, there is a sign-in box for Organization Credentials. It includes a heading 'Organization Credentials', a paragraph about selecting an organization from a drop-down menu, a 'Pick Your Organization' section with a drop-down menu and a 'Sign In' button, and a link for users whose organization is not listed. At the bottom left, there is a link for 'New to NSF? Register' and a link for 'Sign In for NSF Staff'.

On the Principal Investigator (PI)/Co-Principal Investigator (CO-PI) Management screen, select “Proposal Functions”

FastLane

Home News Comments Change Password nsf.gov

Quick Links

- Help for Proposal Preparation
- Frequently Asked Questions About FastLane Proposal Preparation
- Proposal & Award Policies & Procedures Guide
- Deadlines and Target Dates
- Convert Files to PDF

Principal Investigator(PI)/Co-Principal Investigator(Co-PI) Management

What Do You Want To Work On?

- [Proposal Functions](#)
- [Award And Reporting Functions](#)
- [Change PI Demographic Information](#)
- [Research.gov Functions](#)
- [Proposal Status](#)

National Science Foundation
2415 Eisenhower Avenue
Alexandria, Virginia 22314, USA
Tel: 703-292-5111
FIRS: 800-877-8339
TDD: 703-292-5090

Last Modified:
Nov 2001 (CM)

On the Proposal Functions screen, click “Proposal Preparation”

FastLane

Home News Comments Change Password nsf.gov

Quick Links

- Help for Proposal Preparation
- Frequently Asked Questions About FastLane Proposal Preparation
- Proposal & Award Policies & Procedures Guide
- Deadlines and Target Dates
- Convert Files to PDF

Principal Investigator(PI)/Co-Principal Investigator(Co-PI) Management

Proposal Functions

- [Letters of Intent](#)
- [Proposal Preparation](#)
- [Proposal Status](#)
- [Revise Submitted Proposal Budget](#)
- [Proposal File Update](#)
- [Research.gov Functions](#)

[Go Back](#)

National Science Foundation
2415 Eisenhower Avenue
Alexandria, Virginia 22314, USA
Tel: 703-292-5111
FIRS: 800-877-8339
TDD: 703-292-5090

Last Modified:
Nov 2001 (CM)

On the Principal Investigator (PI) Information screen, check the PI information for accuracy. You may choose to update or edit the PI information by selecting the “Edit PI Information” button. You cannot change the PI here. Once finished, click the “Prepare Proposal” button.

[PI information](#)

Once you select to prepare your proposal, the "Proposal Actions" screen appears.

Scroll down past the **Temporary Proposals in Progress** section to the **Create New Proposal** section at the bottom, and click on the "SBIR Phase I" or "STTR Phase I" button.

FORM: FastLane.AIPropSel General-PI - Dickson

Create New Proposal

Create Blank Proposal

SBIR Phase I SBIR Phase II STTR Phase I STTR Phase II

Go Back

NAVIGATION

- PROPOSALS
- PI INFO
- LOGON

Form Preparation

At the top of the **Form Preparation** page will be the text **Forms for Temp Proposal #** - this number will be used as a reference throughout the preparation process. *When your FastLane Contact/SPO finally submits your proposal to NSF, your proposal will be assigned an official NSF proposal number, the first two digits of which will match the fiscal year in which the proposal was submitted (e.g. proposals submitted between October 1, 2018 and September 30, 2019 will be numbered 19xxxxx). This official proposal number should be used in all further communications with NSF.*

Cover Sheet

Click on the "GO" button to the left of "Cover Sheet".

Cover sheet selection

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide (PAPPG)* instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717

Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	08/23/18	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

<input type="button" value="GO"/> Data Management Plan	
<input type="button" value="GO"/> Mentoring Plan ¹	
<input type="button" value="GO"/> GOALI - Industrial PI Confirmation Letter	
<input type="button" value="GO"/> Project Summary with Special Characters	
<input type="button" value="GO"/> RAISE - Program Officer Concurrence Emails	
<input type="button" value="GO"/> Other Supplementary Docs	
<input type="button" value="GO"/> Add/Delete Non Co-PI Senior Personnel	N/A
<input type="button" value="GO"/> Change PI	
<input type="button" value="GO"/> Link Collaborative Proposals	

Single Copy Documents

<input type="button" value="GO"/> Collaborators and Other Affiliations	
<input type="button" value="GO"/> Deviation Authorization(if applicable)	
<input type="button" value="GO"/> List of Suggested Reviewers (optional)	N/A
<input type="button" value="GO"/> Additional Single Copy Documents	
<input type="button" value="GO"/> Nature of Natural or Anthropogenic Event	

Go Back

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

The Cover Sheet has been divided into 4 sections. To complete the Cover Sheet you must complete all 4 sections.

The first Cover Sheet "GO" Button is "Awardee Organization/Primary Place of Performance Selection"

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

GO Awardee Organization/Primary Place Of Performance Selection

Awardee Organization

Primary Place of Performance

TestProduction

Address 4201 Wilson Blvd
Arlington, VA 22230-1000
Time Zone US-America/New_York(GMT-5:00)
Inst. Code 6250005871
DUNS #

GO Program Announcement / Solicitation / Program Description No., or In response to Grant Proposal Guide (GPG).

No Program Announcement has been selected yet.

*You must select one or the GPG prior to filling out the rest of the Cover Sheet

GO NSF Unit Consideration

No NSF Units have been selected yet.

*You must select one prior to filling out the rest of the Cover Sheet

GO *Remainder of the Cover Sheet

Go Back

Awardee Organization

The Awardee Organization information is pre-populated from the PI information. Click on the “**Add/Change Primary Place of Performance**” button to make necessary updates.

FORM: FastLane.A1InstSel

Institutions for this proposal

	Awardee Organization	Primary Place of Performance
Address:	TestProduction TestProduction 4201 Wilson Blvd Arlington, VA 22230-1000	Address:
Time Zone:	US-America/New_York(GMT-5:00)	Add/Change Primary Place of Performance
Institution Code:	6250005871	
DUNS Number:		
	Change Awardee	
		Go Back

- STTR proposals should click “Add/Change Primary Place of Performance” and enter data for the mandatory sub-awardee research institution.
- SBIR proposers may select a sub-awardee research organization (if applicable) for the Primary Place of Performance, or should select “Same as Awardee Organization”.

When inputting an address for the "Primary Place of Performance", you **must** include the **nine-digit zip code**.

(Proposers are advised to use the United States Postal Service website to look up their nine-digit zip code at www.usps.com)

After the Primary Place of Performance is identified, click "**Save Primary Place of Performance**".

FORM: FastLane.A1InstSel

Add/Change Primary Place of Performance

***Required Field**

***Organization Name** or ☐ Same as Awardee Organization

Please enter an Organization Name or select Same as Awardee Organization

Street Address

City

State (Required if Country is United States)

Zip Code (9 digit) (Required if Country is United States)

***Country**

Save Primary Place of Performance

Go Back

After saving, click "**Go Back**" on the "Add/Change Primary Place of Performance" and the "Institutions for this Proposal" page to return to the Cover Sheets Components Form.

FORM: FastLane.A1InstSel

Add/Change Primary Place of Performance

***Required Field**

***Organization Name** or ☐ Same as Awardee Organization

Please enter an Organization Name or select Same as Awardee Organization

Street Address

City

State (Required if Country is United States)

Zip Code (9 digit) (Required if Country is United States)

***Country**

Save Primary Place of Performance

Go Back

The second Cover Sheet "**GO**" Button is "**Program Announcement / Solicitation / Program Description**"

FORM: Cover Sheet Component Form

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

Award Organization/Primary Place Of Performance Selection

Awardee Organization: **Quantified Habits Inc.** Primary Place of Performance: _____

Address: _____

Time Zone: Arlington, VA 222023726
US-America/New_York(GMT-5:00)

Inst. Code: 6250037988

DUNS #: 080149935

Program Announcement / Solicitation / Program Description No., or In response to Proposal & Award Policies & Procedures Guide (PAPPG).

- NSF 18-550 - Small Business Innovation Research Program Phase I.

NSF Unit Consideration

Current List of selected NSF UNITS:

1. IIP - SMALL BUSINESS PHASE I

*Remainder of the Cover Sheet

[Frequently Asked Questions About FastLane Proposal Preparation](#)

The third Cover Sheet “GO” Button is “NSF Unit Consideration”.

FORM: Cover Sheet Component Form

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

Award Organization/Primary Place Of Performance Selection

Awardee Organization: **Quantified Habits Inc.** Primary Place of Performance: _____

Address: _____

Time Zone: Arlington, VA 222023726
US-America/New_York(GMT-5:00)

Inst. Code: 6250037988

DUNS #: 080149935

Program Announcement / Solicitation / Program Description No., or In response to Proposal & Award Policies & Procedures Guide (PAPPG).

- NSF 18-550 - Small Business Innovation Research Program Phase I.

NSF Unit Consideration

Current List of selected NSF UNITS:

1. IIP - SMALL BUSINESS PHASE I

*Remainder of the Cover Sheet

[Frequently Asked Questions About FastLane Proposal Preparation](#)

Remainder of the Cover Sheet

The fourth Cover Sheet “GO” Button is “Remainder of the Cover Sheet”. Click the “GO” button and provide the required information to complete the cover sheet.

FORM: Cover Sheet Component Form

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

Award Organization/Primary Place Of Performance Selection

Awardee Organization: **Quantified Habits Inc.** Primary Place of Performance: _____

Address: _____

Time Zone: Arlington, VA 222023726
US-America/New_York(GMT-5:00)

Inst. Code: 6250037988

DUNS #: 080149935

Program Announcement / Solicitation / Program Description No., or In response to Proposal & Award Policies & Procedures Guide (PAPPG).

- NSF 18-550 - Small Business Innovation Research Program Phase I.

NSF Unit Consideration

Current List of selected NSF UNITS:

1. IIP - SMALL BUSINESS PHASE I

*Remainder of the Cover Sheet

[Frequently Asked Questions About FastLane Proposal Preparation](#)

“Title of Proposed Project”: The system has already been programmed for each title to begin with **SBIR Phase I:** or **STTR Phase I:**

- Please do include two spaces after the colon before typing the project title.
- Please do not use acronyms in the proposal title.

Not for distribution

Remainder of the Cover Sheet

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
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Title of Proposed Project

Enter the Title of Your Proposed Project:
SBIR Phase I:

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
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Budget And Duration Information

Requested Amount: \$ (Note: The requested amount is calculated from the budget forms.)
Proposal Duration (in months): Requested Starting Date (MM/DD/YYYY):

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)

“Budget and Duration Information”: Three items are requested.

- **Requested Amount:** Enter the requested amount of funds. (SBIR and STTR Phase I budgets cannot exceed \$225,000. The requested amount on the Cover Page should match the total funds requested in the budget.)
- **Proposal Duration:** Enter the proposed duration of the project in months (between 6 and 12 months).
- **Requested Start Date:** We recommend that you enter a start date six months from your proposal submission. For instance, a proposal submitted in June would enter January 1st of the following year.

Not for distribution

Remainder of the Cover Sheet

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
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Title of Proposed Project

Enter the Title of Your Proposed Project:
SBIR Phase I:

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
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Budget And Duration Information

Requested Amount: \$ (Note: The requested amount is calculated from the budget forms.)
Proposal Duration (in months): Requested Starting Date (MM/DD/YYYY):

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)

“Announcement and Consideration Information”, “Principal Investigator (PI) Information” and “Co-Principal Investigator (Co-PI) Information”: These sections will automatically populate.

Announcement And Consideration Information

Program Announcement/Solicitation Number: **NSF 17-544**

Deadline/Target Date:

For consideration by the following listed NSF Organization Unit(s):

- **IIP - SMALL BUSINESS PHASE I**

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Principal Investigator (PI) Information

Name	Naganand Murty
Organization	Quantified Habits Inc.
Department	
Street #1	2231 Crystal Dr
Street #2	#1000
City/State/Zip	Arlington VA 222023726
Country	US

Announcement And Consideration Information

Program Announcement/Solicitation Number: **NSF 17-544**

Deadline/Target Date:

For consideration by the following listed NSF Organization Unit(s):

- **IIP - SMALL BUSINESS PHASE I**

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
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Principal Investigator (PI) Information

Name	Charlesx Dickensx
Organization	TestProduction
Department	EngineeringChemistry
Street #1	
Street #2	
City/State/Zip	
Country	US

“Previous NSF Award”: Do not check the box.

Preliminary proposals are not accepted by the SBIR/STTR Program.

[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Previous NSF Award

If this is a preliminary proposal then check here: ☐

If this is a Full Proposal and it is related to an associated preliminary proposal, please enter that preliminary proposal number here: ▼

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Other Federal Agencies

If this proposal is being submitted to another Federal Agency (FA), please type a reasonable abbreviation (maximum of 10 characters) for each agency in a blank space below.

1. 2. 3. 4. 5.
6. 7. 8. 9. 10.

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)

“Other Federal Agencies”: Provide a listing of all other Federal agencies to which you have submitted, or plan to submit, this proposal.

[Authorized Representative](#)
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Previous NSF Award

If this is a preliminary proposal then check here: ☐

If this is a Full Proposal and it is related to an associated preliminary proposal, please enter that preliminary proposal number here: ▼

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Other Federal Agencies

If this proposal is being submitted to another Federal Agency (FA), please type a reasonable abbreviation (maximum of 10 characters) for each agency in a blank space below.

1. 2. 3. 4. 5.
6. 7. 8. 9. 10.

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)

“Awardee Organization Information”: This section has your Organization Name, Address, and Organization Code (this is a code assigned by NSF to your organization). All of this information should be pre-populated. The company’s Employer Identification Number (EIN) and Taxpayer Identification Number (TIN) must be provided. Under the “Check all that apply to the Awardee Organization (see GPG for Definitions)” you should always check the following two boxes:

- For Profit
- Small Business

Check the appropriate box(s) if your company is a Minority or Woman-Owned Business

Awardee Organization Information

Organization: TestProduction
Address: TestProduction
 4201 Wilson Blvd
 Arlington, VA 22230-1000

Organization Code: 6250005871
DUNS Number:
 EIN¹ or TIN² : 437984597

¹Employer Identification Number ²Taxpayer Identification Number

Check all that apply to the Awardee Organization (See GPG for Definitions):

☐ For Profit ☐ Small Business
☐ Minority Business ☐ Women-owned Business

[Proposal Title](#) | [Budget and Duration](#) | [Announcement and Consideration](#) | [PI Information](#)
[Co-PI Information](#) | [Previous NSF Awards](#) | [Other Federal Agencies](#) | [Awardee Organization](#)
[Primary Place of Performance](#) | [Other Information](#) | [SBIR/STTR](#) | [Certification](#)
[Authorized Representative](#)
[Top of Page](#) | [Bottom of Page](#)

Primary Place of Performance

Organization: The National Science Foundation
Address:
 , VA 222031859,US

“Primary Place of Performance”: This section will automatically populate.

“Other Information”: Check the appropriate box(s) that are applicable to your proposal.

FORM: Cover Sheet Component Form

Cover Sheet Components Form

The NSF Cover Sheet within FastLane has been divided into 3 sections:

- Program Announcement / Solicitation Number Selection
- NSF Unit Consideration
- Remainder of Cover Sheet

To complete a section, click on the Go button, and click on OK to save the data.

Awardee Organization/Primary Place Of Performance Selection

Awardee Organization: **Quantified Habits Inc.** Primary Place of Performance: _____

Address: _____
 Arlington, VA 222023726
 Time Zone: US-America/New_York(GMT-5:00)
 Inst. Code: 6250037988
 DUNS #: 080149935

Program Announcement / Solicitation / Program Description No., or In response to Proposal & Award Policies & Procedures Guide (PAPPG).

- NSF 18-550 - Small Business Innovation Research Program Phase I.

NSF Unit Consideration

Current List of selected NSF UNITS:

1. IIP - SMALL BUSINESS PHASE I

*Remainder of the Cover Sheet

[Frequently Asked Questions About FastLane Proposal Preparation](#)

“Type of Proposal”: Select “Research”

Type of Proposal (select one)

Research
 RAPID
 EAGER
 RAISE
 GOALI
 Ideas Lab
 FASED
 Conference
 Equipment
 Travel
 Center/Research Infrastructure
 Fellowship

“Collaborative Status”: Select “Not a collaborative proposal”. *Note: The inclusion of a subaward to a university does not make this a ‘collaborative’ proposal. The SBIR/STTR Program does not accept collaborative proposals. The small business must upload all required budgets and subaward files into their single proposal submission.*

Collaborative Status (select one)

- ☐ A collaborative proposal from one organization (GPG II.D.4.a)
- ☐ A collaborative proposal from multiple organizations (GPG II.D.4.b)
- ☒ Not a collaborative proposal

“Small Business Innovation Research”: Select the appropriate topic from the drop down box and type in the appropriate subtopic (reference solicitation).

Small Business Innovation Research

SBIR/STTR Phase I Topic:

SBIR/STTR Phase I Subtopic Letter(s), required: (ex. A1a)

“The Small Business Concern Certifies”: Answer all of the following questions.

The Small Business Concern Certifies That:

1. It is a small business as defined in the solicitation.
☒ YES
☐ NO
2. It qualifies as a socially and economically disadvantaged business as defined in the solicitation (FOR STATISTICAL PURPOSES ONLY)
☒ YES
☐ NO
3. It qualifies as a women-owned business as defined in the solicitation (FOR STATISTICAL PURPOSES ONLY)
☐ YES
☒ NO
4. SBIR: A minimum of two-thirds of the research will be performed by this firm in Phase I.
STTR: It will perform at least 40 percent of the work and the collaborating research institution will perform at least 30 percent of the work as described in the proposal.
☒ YES
☐ NO
5. The primary employment of the Principal Investigator (PI) will be with this firm at the time of award and during the conduct of the research.
☒ YES
☐ NO
6. It will permit the government to disclose the title and technical abstract page, plus the name, address and telephone number of a corporate official, if the proposal does not result in an award, to parties that may be interested in contacting the small business for further information or possible investment.
☒ YES
☐ NO
7. It will comply with the provisions of the Civil Rights Act of 1964 (P.L. 88-352) and the regulations pursuant thereto.
☒ YES
☐ NO
8. It has previously submitted proposals to NSF.
☐ YES
☒ NO
9. It previously submitted this proposal (which was declined) and significant modifications have been made as described in the solicitation.
☐ YES
☒ NO
10. It has received Phase II awards from the Federal Government. If “yes” provide a company commercialization history in the supplementary documents module.
☐ YES
☒ NO
11. It is located in a Historically Underutilized Business Zone (HUBZone) as verified by the Small Business Administration (to verify HUBZone participation go to <http://map.sba.gov/hubzone/init.asp>).
☒ YES
☐ NO

NOTE: If the PI responds “YES” to the question “It has received Phase II awards from the Federal Government”, the company’s Company Commercialization History must be provided in the Supplementary Documents module of the proposal or the entire proposal will be Returned Without Review. The [Company Commercialization History must be submitted on the NSF template](#).

“Company Officer Information (For Business and Financial Matters)”, **“Other Information”**, **“Affiliated Companies”**, **“Research Institution Investigator”** and **“Proprietary Notice”**: Fill in all requested information.

Company Officer Information(For Business and Financial Matters):Company Officer Name: Company Officer Title: Company Officer Telephone Number: (Ex: 8885551212)**Other Information:**President's Name: Year Firm Founded: (Ex: 1994)

Number of Employees (Including Parent, Subsidiary, and Predecessor)

 Current Number Of Employees Average Number Of Employees For Previous 12 Months**Affiliated Companies**

Name of any affiliated companies(Parent, Subsidiary, Predecessor):

Affiliate 1: Affiliate 2: Affiliate 3: Affiliate 4: **Research Institution Investigator**

Provide only if STTR

Research Institution: The National Science Foundation

Research Investigator Name: Research Investigator Phone Number: (Ex: 8885551212)**Proprietary Notice:**

See solicitation for instructions concerning proprietary information.

☐ **Check here if proposal contains proprietary information.**

“Debarment and Suspension Certification” and “Authorized Representative”:Read each section carefully, answer question(s) and provide any additional information (if applicable). Click “OK” and then select “Go Back” to return to the “Form Preparation” screen.

Debarment and Suspension Certification

Is the organization or its principals presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal department or agency?

☒ No☐ Yes (If "yes" please provide an explanation below.)

By electronically signing the Certification Pages, the Authorized Organizational Representative (or equivalent) or Individual Applicant is providing the Debarment and Suspension Certification contained in [Exhibit II-4 of the Grant Proposal Guide](#).

Authorized Organizational Representative(AOR) information will be added when the proposal is electronically signed by the Authorized Organizational Representative.

Add/Delete Non Co-PI Personnel

Click on the “Go” button to the left of “Add/Delete Non Co-PI Senior Personnel”:

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide* (PAPPG) instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717

Form Preparation

To prepare a form, click on the appropriate button below.

Form

GO

Cover Sheet

GO

Table of Contents

GO

References Cited

GO

Budgets (Including Justification)

GO

Facilities, Equipment, and Other Resources

Saved

08/23/18

N/A

Form

GO

Project Summary

GO

Project Description

GO

Biographical Sketches

GO

Current and Pending Support

Saved

Supplementary Documents

GO

Data Management Plan

GO

Mentoring Plan¹

GO

GOALI - Industrial PI Confirmation Letter

GO

Project Summary with Special Characters

GO

RAISE - Program Officer Concurrence Emails

GO

Other Supplementary Docs

GO

Add/Delete Non Co-PI Senior Personnel

GO

Change PI

GO

Link Collaborative Proposals

N/A

Single Copy Documents

GO

Collaborators and Other Affiliations

GO

Deviation Authorization(if applicable)

GO

List of Suggested Reviewers (optional)

GO

Additional Single Copy Documents

GO

Nature of Natural or Anthropogenic Event

N/A

Go Back

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Click “Add Non Co-PI Senior Person to Proposal” after inputting the First Name, Middle Initial and Last Name of each person. STTR has 1 Co-PI and SBIR has 0 Co-PIs.

For the SBIR/STTR Program, senior personnel are individuals with critical expertise who will be working on the project and are employed at the proposing company or at a subaward institution. The company should upload a Bio Sketch and Current & Pending Support form (see relevant sections later in this document) for each person included as Senior Personnel.

FORM: FastLane A1SPEdit

SBIRONE-PF-7666176 Dickensx

Add/Delete Non Co-Principal Investigator (Co-PI)

Senior Personnel Assigned to Proposal

No Non Co-PI Senior Personnel

Currently, there are no Non Co-PI Senior Personnel assigned to Proposal #7666176

To Add a new Non Co-PI Senior Personnel to proposal #7666176, type the name of the person in the fields below and click the 'Add Non Co-PI Senior Person to Proposal' button.

Enter the first name, middle initial, and last name.

First Name:

Middle Initial:

Last Name:

Add Non Co-PI Senior Person to Proposal

Go Back

After adding all participants, click “Go Back” until you return to the “Form Preparation” screen.

For most proposal sections, there is a specific module in FastLane to which you should upload a PDF file prepared outside the system. Please note that FastLane will need to ‘distill’ each PDF and you will be prompted to review and approve each file as it is saved. For this reason, you are urged to allow ample time to prepare and submit your proposal. We strongly discourage waiting until the deadline date to submit as common compliance errors and processing delays could cause you to miss the deadline. Proposals cannot be accepted after the deadline per NSF policy.

References Cited

Click on the “Go” button to the left of “References Cited”:

Provide a comprehensive listing of relevant references in this module. You can directly enter the references into the text box or you can transfer a file. It is recommended that you do the file transfer.

All proposals must have something in the References Cited section. If you do not have any references to cite, put a statement to that effect into this module.

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide (PAPPG)* instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717

Form Preparation

To prepare a form, click on the appropriate button below.

Form

GO Cover Sheet

GO Table of Contents

GO **References Cited**

GO Budgets (Including Justification)

GO Facilities, Equipment, and Other Resources

Saved

08/23/18

N/A

Form

GO Project Summary

GO Project Description

GO Biographical Sketches

GO Current and Pending Support

Saved

Supplementary Documents

GO Data Management Plan

GO Mentoring Plan¹

GO GOALI - Industrial PI Confirmation Letter

GO Project Summary with Special Characters

GO RAISE - Program Officer Concurrence Emails

GO Other Supplementary Docs

Single Copy Documents

GO Collaborators and Other Affiliations

GO Deviation Authorization(if applicable)

GO List of Suggested Reviewers (optional)

GO Additional Single Copy Documents

GO Nature of Natural or Anthropogenic Event

Saved

N/A

Supplementary Documents

GO Add/Delete Non Co-PI Senior Personnel

GO Change PI

GO Link Collaborative Proposals

Saved

N/A

Go Back

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

When this section is completed, click “Go Back” to return to the “Form Preparation” screen.

FORM: FastLane A1Ref1

SBIRONE-PI-7666176 Dickensx

References Cited

Enter text for the References Cited or click on "Transfer File" to upload a file

Not signed in

Save Text

Delete Text

Transfer File

Go Back

Follow the instructions on the below screen, then click “Upload File” to upload document. Click “Go Back” until you return to the “Form Preparation” screen.

Budget

Click on the “Go” button to left of “Budgets (Including Justification)”:

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide (PAPPG)* instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal.**

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717

Form Preparation

To prepare a form, click on the appropriate button below:

Form

GO

Cover Sheet

GO

Table of Contents

GO

References Cited

GO

Budgets (Including Justification)

GO

Facilities, Equipment, and Other Resources

Saved

08/23/18

N/A

Form

GO

Project Summary

GO

Project Description

GO

Biographical Sketches

GO

Current and Pending Support

Saved

Supplementary Documents

GO

Data Management Plan

GO

Mentoring Plan¹

GO

GOALI - Industrial PI Confirmation Letter

GO

Project Summary with Special Characters

GO

RAISE - Program Officer Concurrence Emails

GO

Other Supplementary Docs

Single Copy Documents

GO

Collaborators and Other Affiliations

GO

Deviation Authorization(if applicable)

GO

List of Suggested Reviewers (optional)

GO

Additional Single Copy Documents

GO

Nature of Natural or Anthropogenic Event

GO

Add/Delete Non Co-PI Senior Personnel

N/A

GO

Change PI

N/A

GO

Link Collaborative Proposals

N/A

Go Back

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

The budget should reflect the needs of the **proposed R&D project**.

The Project Budget Screen will appear. The company name should be highlighted; then Click on the “Add Year” button.

FORM: FastLane.A1BudgetInstSelector

SBI

Project Budget

Organization	Year	Amount	Delete	Last Mod. Date
TestProduction				

Add Year

Budget Justification

Add Another Organization

SpreadSheet Support

Delete Checked Year(s)

Go Back

Year 1 will be highlighted; then Click the “Add” button. FastLane will return to the Project Budget Screen.

Project Budget

Organization	Year	Amount	Delete	Last Mod. Date
Test Institution				

Add Year

Budget Justification

Add Another Organization

SpreadSheet Support

Delete Checked Year(s)

Go Back

Funds

Click on the “**Funds**” hyperlink (under the Year heading).

Organization	Year	Project Budget	Amount	Delete	Last Mod. Date
Test Institution Add Year Budget Justification	1	Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01

[Add Another Organization](#) [SpreadSheet Support](#)

IMPORTANT: To avoid budget reductions, NSF strongly advises you to visit the Department of Labor/Bureau of Labor Statistics website to determine the allowed pay scale for each budgeted position. In general, unless your company has other significant internal revenue sources, as well as recent payroll records showing a precedent for the requested salary, the NSF will not allow budgeted salaries in excess of the median salary for the same job title in the same geographical area. Click here to search for your city/state data. If your city is not listed, click here and use your state data. Remember that direct salaries and wages requested in an NSF SBIR/STTR budget are permitted only for work on R&D tasks.

In most cases, every employee listed in line A or B of the budget should fall under one of the following four occupational groups:

- [Management Occupations \(11-0000\)](#)
- [Computer and Mathematical Occupations \(15-0000\)](#)
- [Architecture and Engineering Occupations \(17-0000\)](#)
- [Life, Physical, and Social Science Occupations \(19-0000\)](#)

View the [SBIR Salary Validation Guide](#) for detailed salary survey guidance.

A. Senior Personnel section: Click the “Add/Remove Senior Personnel” button.

Budget Year 1 for Test Institution						
A. Senior Personnel B. Other Personnel C. Fringe Benefits D. Equipment E. Travel F. Participant Support Costs G. Other Direct Costs H. Total Direct Costs I. Indirect Costs J. Total Direct And Indirect Costs K. Small Business Fee L. Total Cost and Fee Bottom of Page						
A. Senior Personnel						
Name	Title	Calendar Months	Academic Months	Summer Months	Funds Requested By Proposer	
John Doe	<input type="text" value="SeniorEngineer"/>	<input type="text" value="4.0"/>	<input type="text" value="0.0"/>	<input type="text" value="0.0"/>	<input type="text" value="25000"/>	
Jane Smith	<input type="text" value="Chief Technical Offi"/>	<input type="text" value="4.0"/>	<input type="text" value="0.0"/>	<input type="text" value="0.0"/>	<input type="text" value="32000"/>	
Total Senior Personnel: 2		8.0	0.0	0.0	\$ 57000	
Add/Remove Senior Personnel						
<input type="button" value="Calculate"/>						

Check the box(s) for the “Senior Personnel” to be included on the budget and then click “**Save**” to return to the “Year 1 Budget” screen.

Budget Personnel for year 1 for Test Institution

PI: A B

Personnel available to add

Check to add

☒ John Doe

Personnel currently assigned to budget year

Check to remove

None Available to Remove

Save

Go Back

Provide the number of **CALENDAR months** and proposed cost for all "Senior Personnel"; then click "**Calculate**". You must enter information into the Calendar Months field on each line for which funds are requested.

Budget Year 1 for Test Institution

[A. Senior Personnel](#) | [B. Other Personnel](#) | [C. Fringe Benefits](#) | [D. Equipment](#) | [E. Travel](#) | [F. Participant Support Costs](#)
[G. Other Direct Costs](#) | [H. Total Direct Costs](#) | [I. Indirect Costs](#) | [J. Total Direct And Indirect Costs](#) | [K. Small Business Fee](#)
[L. Total Cost and Fee](#)
[Bottom of Page](#)

A. Senior Personnel

Name	Title	Calendar Months	Academic Months	Summer Months	Funds Requested By Proposer
John Doe	SeniorEngineer	4.0	0.0	0.0	25000
Jane Smith	Chief Technical Off	4.0	0.0	0.0	32000
Total Senior Personnel: 2		8.0	0.0	0.0	\$ 57000

[Add/Remove Senior Personnel](#)

Calculate

B. Other Personnel section: Provide all applicable information on personnel in the categories listed. Provide the number of **CALENDAR months** and proposed cost for all "Other Personnel"; then click "**Calculate**".

B. Other Personnel

Number of Personnel	Type of Personnel	Calendar Months	Academic Months	Summer Months	Funds Requested By Proposer
0	Post Doctoral Scholars	0.0	0.0	0.0	0
3	Other Professionals (Technicians, etc.)	10.0	0.0	0.0	38000
0	Graduate Students				0
0	Undergraduate Students				0
0	Secretarial - clerical				0
0	Other				0
Total Other Personnel: 3					\$ 38000

- Provide names and titles of all personnel in the budget justification, as well as a clear description of their responsibilities in the project. **Note: If you proposed new employees that are yet to be hired, simply list that position as a "potential hire" and proceed with the balance of the information as if they were already in your organization).**
- The small business concern should NOT budget any personnel or funds for "Post-Doctoral Scholars", "Graduate Students" or "Undergraduate Students".
- In the Budget Justification, please include the actual annual salary information that justifies the calculation of the amounts requested (which should match the line item in the Budget) for all personnel in the project.

C. Fringe Benefits section: Provide the estimated amount of fringe benefits for Senior Personnel and Other Personnel; then click "Calculate".

It is recommended that proposers allot funds for fringe benefits here ONLY if the proposer's usual (established) accounting practices provide that fringe benefits be treated as direct costs. Otherwise, fringe benefits should be included in Line I, Indirect costs. (Line I+ Line C) should not be more than 150% of (Line A + Line B).

Description	Funds Requested By Proposer
Fringe Benefits (If charged as direct costs)	<input type="text" value="19000"/>
Total Salaries, Wages and Fringe Benefits (A + B + C): \$ 114000	
<input type="button" value="Calculate"/>	

D. Equipment section: No purchases of equipment are permitted in an NSF SBIR Phase I project; this section should be left blank.

Equipment Item	Check here to delete item	Dollar Amount	Funds Requested By Proposer
1. <input type="text"/>		<input type="text"/>	
2. <input type="text"/>		<input type="text"/>	
3. <input type="text"/>		<input type="text"/>	
4. <input type="text"/>		<input type="text"/>	
5. <input type="text"/>		<input type="text"/>	
6. <input type="text"/>		<input type="text"/>	
7. <input type="text"/>		<input type="text"/>	
8. <input type="text"/>		<input type="text"/>	
9. <input type="text"/>		<input type="text"/>	
10. <input type="text"/>		<input type="text"/>	
Total Equipment:			\$ 0

E. Travel section: One trip per year is required for attending the SBIR/STTR Phase I Grantees Workshop. A realistic estimate is \$2,000 per person. Travel in Phase I is only permitted if it is necessary for the completion of the project R&D activities. Foreign travel is **NOT** permitted. In Phase I, NSF funds are **NOT** permitted to be budgeted for travel to conferences and trade shows. After inputting the appropriate dollar amount, click "Calculate".

Description	Funds Requested By Proposer
1. Travel Domestic (incl. U.S. Possessions)	<input type="text" value="4000"/>
2. Travel International	<input type="text" value="0"/>
Total Travel:	\$ 4000
<input type="button" value="Calculate"/>	

F. Participant Support Costs section: SBIR/STTR Phase I proposals do not use this budget line item; this section should be left blank.

F. Participant Support Costs

Description	Costs	Funds Requested By Proposer
1. Stipends	<input type="text" value="0"/>	
2. Travel	<input type="text" value="0"/>	
3. Subsistence	<input type="text" value="0"/>	
4. Other	<input type="text" value="0"/>	
Number of Participants	<input type="text" value="0"/>	
Total Participant Support Costs:		\$ 0
<input type="button" value="Calculate"/>		

G. Other Direct Costs section: Provide a dollar amount for the following line items; then click "Calculate". G.1. Materials and Supplies

G.2. Publication Costs/Documentation/distrib (generally not allowed in SBIR/STTR Phase I)

G.3. Consultant Services

G.4. Computer (ADPE) Services

G.5. Subcontracts - a separate budget is REQUIRED for each subcontractor; the total amount of all these subcontracts should be entered here. (In the small business concern's Budget Justification, please include a few sentences describing the scope and objective of the subaward.)

G.6. Other

First, the applicant may budget up to \$10,000 as a direct charge on line G.6 to this Phase I award for the following specific purposes related to financials and accounting:

- Hiring a certified public accountant (CPA) to prepare audited, compiled, or reviewed financial statements
- Hiring a CPA to perform an initial financial viability assessment based on standard financial ratios so the awardee organization would have time to improve their financial position prior to submitting the Phase II proposal
- Hiring a CPA to review the adequacy of the awardee's project cost accounting system
- Purchasing a project cost accounting system

If the applicant elects to budget funds for one of the above purposes, the budget justification should include a brief description of the desired use of funds, and the use of funds must be approved by the cognizant Program Director, prior to award.

Second, the applicant may budget up to \$20,000 to cover costs related to NSF's "Beat-The-Odds Boot Camp" which is offered to all Phase I awardees.

This program is based on the NSF's Innovation Corps program, and more information can be found [here](#). All Phase I awardees are strongly encouraged to participate in this activity. Costs that are allowable are limited to travel costs related to customer discovery (this could include costs associated with registration/attendance at events for the purpose of customer discovery) and salary/wages for team members who participated in the Boot Camp. All costs related to the Boot Camp must be in line with approved salary rates and other relevant Federal guidelines. International travel cannot be reimbursed, nor can any salary/wages for work done while outside of the United States. NSF recommends that, for the purposes of the proposal budget, applicants that plan to participate in this activity budget \$10,000 and simply list this as "Boot Camp" costs in the budget justification.

G. Other Direct Costs

Description	Funds Requested By Proposer
1. Materials and Supplies	<input type="text" value="0"/>
2. Publication Costs/Documentation/distrib	<input type="text" value="0"/>
3. Consultant Services	<input type="text" value="0"/>
4. Computer (ADPE) Services	<input type="text" value="0"/>
5. Subcontracts	<input type="text" value="0"/>
6. Other	<input type="text" value="0"/>
Total Other Direct Costs:	\$ 0
<input type="button" value="Calculate"/>	

H. Total Direct Costs section: Click "Calculate" and the total of items A through G will update.

H. Total Direct Costs

Funds
Requested By
Proposer
Total Direct Costs (A THROUGH G): \$ 190000

Calculate

I. Indirect Costs section: The budgeted indirect costs must be in line with your organization's past actual spending patterns. Note that the total sum of requested Indirect Costs (line I) plus Fringe Benefits (line C) cannot exceed 150% of the total Direct Labor Costs (line A + line B). Enter the requested amount, then click "Calculate".

I. Indirect Costs

	Indirect Cost Item	Rate %	Base	Check here to delete item	Funds Requested By Proposer
1.	Total Salaries and Wages	20.0	95000	<input type="checkbox"/>	19000
2.					
3.					
4.					
5.					
6.					
					Total Indirect Costs: \$ 19000

Calculate

J. Total Direct and Indirect Costs section: Click "Calculate" and the total of items H and I will update.

J. Total Direct And Indirect Costs

Funds
Requested By
Proposer
Total Direct and Indirect Costs (H + I): \$ 209000

Calculate

K. Small business fee section: The "Small business fee" line is used to request a fee (profit) for the small business. If requested, the maximum amount of this profit must not exceed 7% of line item J. Click "Calculate" to update the amount.

K. Small Business Fee

If requested; maximum equals 7% of J.

Description	Small Business Fee
Small Business Fee	14630

Calculate

L. Total Cost and Fee section: After all applicable line items have been inputted into your budget, click "Calculate and Save"; then click "Go Back" to return to the "Project Budget" screen.

L. Total Cost and Fee

Funds
Requested By
Proposer

Total cost and Fees (J + K): \$ 223630

Calculate & Save

Go Back

The cumulative budget will auto-populate after the completion of the "Year 1" and, if applicable, the subawardee budget.

IMPORTANT NOTE - All non-zero budget line items MUST be explained in the budget justification. Additionally, letters of commitment from any consultants and subawardees should also be included as part of the budget justification. See section 9.f.3 of the solicitation for more details.

12a. Budget Justification section: To complete the budget justification page, click on the "Budget Justification" hyperlink under your company name.

Project Budget				
Organization	Year	Amount	Delete	Last Mod. Date
Test Institution Add Year Budget Justification	1 Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01

[Add Another Organization](#) [SpreadSheet Support](#)

After cutting and pasting/typing the budget justification in text box, click "Save Text" and then "Go Back" to return to the "Project Budget" screen.

Budget Justification
Enter text for the Budget Justification or click on "Transfer File" to upload a file

If uploading a file, click "**Transfer File**" on the above screen.

If you prefer, follow the instructions on the below screen and click "**Upload File**" to upload document. Once the budget justification is complete, click "**Go Back**" until you return to the "Form Preparation" screen or until you return to the "Project Budget" screen to add a subawardee.

Budget Justification for NSF

NEW! File uploads no longer have to be in PDF format!

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Subawardee Budget

12b. Subawardee Budget section: Click “Add Another Organization” if a subawardee budget is required.

Organization	Year	Project Budget	Amount	Delete	Last Mod. Date
Test Institution Add Year Budget Justification	1 Funds - Personnel		\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01

[Add Another Organization](#) [SpreadSheet Support](#)

To add the organization to the budget, complete a search by the organization's name or DUNS number.

Current Budget Organizations	
Name	Org. Id.
Test Institution	5300010004

Add Organization - use any one of the following:

Name Search (ex. Cornell) ☒ Begins With ☐ Ends With ☐ Contains

DUNS# (ex. 872612445)

Highlight the appropriate organization from the results that appear in the box; then click “Select”.

Name - Inst ID

test - 5300008977
Test Aug - P269756947
test joe m - P269820862
Test Just A - P269788118
testtest W - P269707222
Test Analysis & Development Corporation - 4001504000
Test Both Institution For DIS Use Only - 5300000000
test for delete - 5300012504

Note: the organization needs to be registered with NSF if it does not appear in the list. Call the FastLane Help Desk at 800-673-6188 for assistance with this process.

Highlight the subawardee PI from the listing of “Senior Personnel” participants that were added earlier in the process, then click “Select”.

Principal Investigator Designation for test - 5300008977
Please designate the Principal Investigator on this subcontract.

Currently PI is set to (none selected)

AB
John Doe

Return to the “**Project Budget**” screen and follow the previous instructions for adding the below data to the subawardee budget and budget justification when applicable. (Note: Subaward budget cannot include funds for “Permanent Equipment”, “Participant Support Costs”, or “Small business fee”.)

- Years
- Senior Personnel/Other Personnel
- Fringe Benefits
- Travel
- Other Direct Costs
- Total Direct Costs
- Indirect Costs
- Total Direct and Indirect Costs
- Total Cost and Small business fee

When applicable, provide quotes, price lists etc. (same as the main budget) in the budget justification. Do not upload quotes to the Supplementary Documents module.

Project Budget					
Organization	Year	Amount	Delete	Last Mod. Date	
Test Institution	1	Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 13:52:01
Add Year Budget Justification					
<input type="checkbox"/> test	1	Funds - Personnel	\$0	<input type="checkbox"/>	Jun-17-2011 15:22:31
Add Year Change PI Change Org Budget Justification					

[Add Another Organization](#) [SpreadSheet Support](#)

After completing all budget requirements, click “**Go Back**” to return to the “Form Preparation” screen.

In most cases, every employee listed in line A or B of the budget should fall under one of the following four occupational groups:

- [Management Occupations \(11-0000\)](#)
- [Computer and Mathematical Occupations \(15-0000\)](#)
- [Architecture and Engineering Occupations \(17-0000\)](#)
- [Life, Physical, and Social Science Occupations \(19-0000\)](#)

Click [here](#) for detailed salary survey guidance

Samples

PLEASE REVIEW THE SAMPLE BUDGETS AND BUDGET JUSTIFICATIONS BELOW

These sample budgets provide you with the level of detail NSF requires for all SBIR/STTR proposals. Too much information is always better than not enough. If you have questions regarding the budget preparation call the cognizant Program Director for guidance and clarification.

Sample budget populated as PDF:

SUMMARY PROPOSAL BUDGET

YEAR 1

ORGANIZATION				FOR NSF USE ONLY			
Test Institution				PROPOSAL NO.		DURATION (months)	
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR				Proposed		Granted	
Jane Smith				AWARD NO.			
A. SENIOR PERSONNEL: P/PI, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)				NSF Funded Person-months		Funds Requested by proposer	
				CAL	ACAD	SUMR	Funds granted by NSF (if different)
1. Jane Smith - Chief Technical Officer				4.00	0.00	0.00	32,000
2. John Doe - Senior Engineer				4.00	0.00	0.00	25,000
3.							
4.							
5.							
6. (0) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)				0.00	0.00	0.00	0
7. (2) TOTAL SENIOR PERSONNEL (1 - 6)				8.00	0.00	0.00	57,000
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. (0) POST DOCTORAL SCHOLARS				0.00	0.00	0.00	0
2. (3) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)				10.00	0.00	0.00	38,000
3. (0) GRADUATE STUDENTS							0
4. (0) UNDERGRADUATE STUDENTS							0
5. (0) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)							0
6. (0) OTHER							0
TOTAL SALARIES AND WAGES (A + B)							95,000
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)							19,000
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)							114,000
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)							
TOTAL EQUIPMENT							0
E. TRAVEL 1. DOMESTIC (INCL. U.S. POSSESSIONS)							4,000
2. INTERNATIONAL							0
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$ 0							0
2. TRAVEL 0							0
3. SUBSISTENCE 0							0
4. OTHER 0							0
(0) TOTAL PARTICIPANT COSTS							0
G. OTHER DIRECT COSTS							
1. MATERIALS AND SUPPLIES							10,000
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION							0
3. CONSULTANT SERVICES							20,000
4. COMPUTER SERVICES							0
5. SUBAWARDS							40,000
6. OTHER							2,000
TOTAL OTHER DIRECT COSTS							72,000
H. TOTAL DIRECT COSTS (A THROUGH G)							190,000
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)							
Total Salaries and Wages (Rate: 20.0000, Base: 95000)							
TOTAL INDIRECT COSTS (F&A)							19,000
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)							209,000
K. SMALL BUSINESS FEE (IF REQUESTED MAXIMUM = 7% OF J)							14,630
L. TOTAL COST AND FEE (J + K)							223,630
PI/PD NAME				FOR NSF USE ONLY			
Jane Smith				INDIRECT COST RATE VERIFICATION			
ORG. REP. NAME*				Date Checked	Date of Rate Sheet	Initials - ORG	

*ELECTRONIC SIGNATURES REQUIRED ONLY FOR REVISED BUDGET

SUMMARY PROPOSAL BUDGET

Cumulative

ORGANIZATION				FOR NSF USE ONLY		
Test Institution				PROPOSAL NO.	DURATION (months)	
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR				AWARD NO.	Proposed	Granted
Jane Smith						
A. SENIOR PERSONNEL: P/PI, Co-PI's, Faculty and Other Senior Associates (List each separately with title, A.7. show number in brackets)				NSF Funded Person-months		Funds Requested by proposer
				CAL	ACAD	SUMR
1. Jane Smith - Chief Technical Officer				4.00	0.00	0.00
2. John Doe - Senior Engineer				4.00	0.00	0.00
3.						
4.						
5.						
6. () OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)				0.00	0.00	0.00
7. (2) TOTAL SENIOR PERSONNEL (1 - 6)				8.00	0.00	0.00
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1. (0) POST DOCTORAL SCHOLARS				0.00	0.00	0.00
2. (3) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)				10.00	0.00	0.00
3. (0) GRADUATE STUDENTS						0
4. (0) UNDERGRADUATE STUDENTS						0
5. (0) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)						0
6. (0) OTHER						0
TOTAL SALARIES AND WAGES (A + B)						95,000
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)						19,000
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)						114,000
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)						
TOTAL EQUIPMENT						0
E. TRAVEL 1. DOMESTIC (INCL. U.S. POSSESSIONS)						4,000
2. INTERNATIONAL						0
F. PARTICIPANT SUPPORT COSTS						
1. STIPENDS \$ 0						0
2. TRAVEL 0						0
3. SUBSISTENCE 0						0
4. OTHER 0						0
(0) TOTAL PARTICIPANT COSTS						0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						10,000
2. PUBLICATION COSTS/DOCUMENTATION/DISEMINATION						0
3. CONSULTANT SERVICES						20,000
4. COMPUTER SERVICES						0
5. SUBAWARDS						40,000
6. OTHER						2,000
TOTAL OTHER DIRECT COSTS						72,000
H. TOTAL DIRECT COSTS (A THROUGH G)						190,000
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)						
TOTAL INDIRECT COSTS (F&A)						19,000
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)						209,000
K. SMALL BUSINESS FEE (IF REQUESTED MAXIMUM = 7% OF J)						14,630
L. TOTAL COST AND FEE (J + K)						223,630
PI/PD NAME				FOR NSF USE ONLY		
Jane Smith				INDIRECT COST RATE VERIFICATION		
ORG. REP. NAME				Date Checked	Date of Rate Sheet	Initials - ORG

C*ELECTRONIC SIGNATURES REQUIRED ONLY FOR REVISED BUDGET

Important Proposal Preparation Information			
<p>Please note that NSF will check for required sections of the full proposal, in accordance with <i>Proposal & Award Policies & Procedures Guide (PAPPG)</i> instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, <u>Please note we will not accept the full proposal!</u></p> <p><u>Please note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.</u></p>			
Forms for Temp. Proposal #787417			
Form Preparation			
To prepare a form, click on the appropriate button below:			
Form	Size	Form	Size
<input type="button" value="GO"/> Cover Sheet	<input type="button" value="GO"/> 8.5x11	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	<input type="button" value="GO"/> N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			
Supplementary Documents			
		<input type="button" value="GO"/> Data Management Plan	
		<input type="button" value="GO"/> Mentoring Plan	
		<input type="button" value="GO"/> GOALI - Individual PI Conference Letter	
		<input type="button" value="GO"/> Project Summary with Special Characters	
		<input type="button" value="GO"/> RAISE - Program Officer Conference Summary	
		<input type="button" value="GO"/> Other Supplementary Docs	
Single Copy Documents:		<input type="button" value="GO"/> Add Delete Non Co-PI Senior Personnel	N/A
<input type="button" value="GO"/> Collaborative and Other Affiliations		<input type="button" value="GO"/> Change PI	
<input type="button" value="GO"/> Deviation Authorizations (if applicable)	N/A	<input type="button" value="GO"/> Link Collaborative Proposals	
<input type="button" value="GO"/> List of Suggested Reviewers (optional)			
<input type="button" value="GO"/> Additional Single Copy Documents			
<input type="button" value="GO"/> Nature of Natural or Anthropogenic Events			
<input type="button" value="GO"/> Save			

Follow the instructions on the below screen, then click **“Upload File”** to upload document. Click **“Go Back”** until you return to the “Form Preparation” screen.

FORM: FastLane.AIFacText SBIRONE-PI-7666176 Dickens

Facilities, Equipment, and Other Resources

Instructions: Upload an aggregated description of the internal and external resources (both physical and personnel) that the organization and its collaborators will provide to the project, should it be funded. Describe only those resources that are directly applicable. The description should be narrative in nature and must not include any quantifiable financial information. If there are no Facilities, Equipment, or Other Resources identified, a statement to that effect should be indicated in this section and uploaded into FastLane. See GPG II.C.2.i for more information.

Project Summary

14. Follow the instructions on the below screen, then click “Upload File” to upload document. Click “Go Back” until you return to the “Form Preparation” screen.

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide* (PAPPG) instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717

Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	08/23/18	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

<input type="button" value="GO"/> Data Management Plan	
<input type="button" value="GO"/> Mentoring Plan ¹	
<input type="button" value="GO"/> GOALI - Industrial PI Confirmation Letter	
<input type="button" value="GO"/> Project Summary with Special Characters	
<input type="button" value="GO"/> RAISE - Program Officer Concurrence Emails	
<input type="button" value="GO"/> Other Supplementary Docs	
<input type="button" value="GO"/> Add/Delete Non Co-PI Senior Personnel	N/A
<input type="button" value="GO"/> Change PI	
<input type="button" value="GO"/> Link Collaborative Proposals	

Single Copy Documents

<input type="button" value="GO"/> Collaborators and Other Affiliations	
<input type="button" value="GO"/> Deviation Authorization(if applicable)	
<input type="button" value="GO"/> List of Suggested Reviewers (optional)	
<input type="button" value="GO"/> Additional Single Copy Documents	
<input type="button" value="GO"/> Nature of Natural or Anthropogenic Event	

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Type the “Project Summary” in the provided text boxes. When this section is completed, click **“Save”** and then **“OK”** to return to the “Form Preparation” screen. **Information MUST be entered into all three text boxes, or the proposal will not be accepted.**

DO NOT CHECK THE BOX TO ENTER YOUR PROJECT SUMMARY AS A SUPPLEMENTARY DOCUMENT.

☐ Check here if your Project Summary is uploaded as a Supplementary Document

Overview:

Intellectual Merit:

Broader Impacts:

Project Description

15. Click on the “Go” button to the left of “Project Description”:

The Project Description must include all required sections as outlined in the solicitation. The Project Description (complete file) cannot exceed 15 pages or the proposal will be Returned Without Review. Do not include References Cited at the end of the Project Description. There is a separate module to indicate references.

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide (PAPPG)* instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717

Form Preparation

To prepare a form, click on the appropriate button below.

Form

GO Cover Sheet

GO Table of Contents

GO References Cited

GO Budgets (Including Justification)

GO Facilities, Equipment, and Other Resources

Saved

08/23/18

N/A

Form

GO Project Summary

GO Project Description

GO Biographical Sketches

GO Current and Pending Support

Saved

Supplementary Documents

GO Data Management Plan

GO Mentoring Plan¹

GO GOALI - Industrial PI Confirmation Letter

GO Project Summary with Special Characters

GO RAISE - Program Officer Concurrence Emails

GO Other Supplementary Docs

Single Copy Documents

GO Collaborators and Other Affiliations

GO Deviation Authorization(if applicable)

GO List of Suggested Reviewers (optional)

GO Additional Single Copy Documents

GO Nature of Natural or Anthropogenic Event

GO Add/Delete Non Co-PI Senior Personnel

GO Change PI

GO Link Collaborative Proposals

N/A

Go Back

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Follow the instructions on the below screen, then click “Upload File” to upload the document. This takes a few minutes! You will be required to review and accept the PDF version of the Project Description created by FastLane. Click “Go Back” until you return to the “Form Preparation” screen.

Project Description

PIs are cautioned that the Project Description must be self-contained and that URLs must not be used because: 1) the information could circumvent page limitations; 2) the reviewers are under no obligation to view the sites; and 3) the sites could be altered or deleted between the time of submission and the time of review. PIs also are reminded to comply with the instructions contained in the GPG Chapter II.C.2.d(iii) on preparing the "Results from Prior NSF Support" section.

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Choose File

No file chosen

Upload File

Go Back

Biographical Sketches

16. Click on the “Go” button to the left of “Biographical Sketches”:

Biographical sketches or resumes for all individuals described as senior personnel are required. Senior personnel are individuals with critical expertise who will be working on the project and are employed at the proposing company or at a subaward institution. Bio sketches are not to exceed two pages per person and should address the requirements in the solicitation.

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide* (PAPPG) instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717

Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	08/23/18	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

<input type="button" value="GO"/> Data Management Plan	
<input type="button" value="GO"/> Mentoring Plan ¹	
<input type="button" value="GO"/> GOALI - Industrial PI Confirmation Letter	
<input type="button" value="GO"/> Project Summary with Special Characters	
<input type="button" value="GO"/> RAISE - Program Officer Concurrence Emails	
<input type="button" value="GO"/> Other Supplementary Docs	

<input type="button" value="GO"/> Add/Delete Non Co-PI Senior Personnel	N/A
<input type="button" value="GO"/> Change PI	
<input type="button" value="GO"/> Link Collaborative Proposals	

Single Copy Documents

<input type="button" value="GO"/> Collaborators and Other Affiliations	
<input type="button" value="GO"/> Deviation Authorization(if applicable)	
<input type="button" value="GO"/> List of Suggested Reviewers (optional)	
<input type="button" value="GO"/> Additional Single Copy Documents	
<input type="button" value="GO"/> Nature of Natural or Anthropogenic Event	

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Click “Go” beside the appropriate person’s name to upload their biographical sketch. Biographical sketches may be uploaded individually or as one file (under the PI).

FORM: FastLane.A1BioSelector

SBI

IMPORTANT NOTE: A Biographical Sketch is required for all Senior Personnel and each individual's Biographical Sketch must be uploaded as a single PDF file associated with that individual. The text box entry function for Biographical Sketch information has been disabled, therefore you should upload a Biographical Sketch for each Senior Personnel by clicking on the Senior Personnel's button and then clicking on "Transfer File". On that screen click on the Browse button to select the file and then click on the "Upload File" button and follow the instructions.

For the "Other Personnel" categories listed in the GPG Chapter II.C.2.f(ii), their biographical sketch(es) should be clearly identified as "Other Personnel" biographical information and uploaded as a single pdf file in the Other Supplementary Documents section of the proposal.

For the "Equipment Proposals" category listed in the GPG Chapter II.C.2.f(iii), biographical sketch(es) for each auxiliary user should clearly be identified as "Equipment Proposal" biographical information and uploaded as a single pdf file in the Other Supplementary Documents section of the proposal.

Personnel assigned to proposal 7666176

<input type="button" value="Go"/> Charlesx Dickensx	PI	<input type="button" value="Nothing"/>
---	----	--

Type/Upload the “Biographical Sketch” in the below text box. When this section is completed, click “Go Back” to return to the “Form Preparation” screen.

Follow the instructions on the below screen, then click “Upload File” to upload document. Click “Go Back” until you return to the “Form Preparation” screen.

Bio Sketch

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Choose File No file chosen

Upload File

Go Back

Current and Pending Support

17. Click on the “Go” button to the left of “Current & Pending Support”:

Use the NSF Current & Pending Support form provided by FastLane. A form must be submitted for the PI (and co-PI for STTR) as well as any senior personnel.

NSF considers the Phase I proposal being submitted as “Pending Support”. Therefore, ALL proposals to NSF must have at least one entry in the “Current & Pending Support” form for the PI and senior personnel (this proposal).

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide* (PAPPG) instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717
Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	08/23/18	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

Data Management Plan

Mentoring Plan¹

GOALI - Industrial PI Confirmation Letter

Project Summary with Special Characters

RAISE - Program Officer Concurrence Emails

Other Supplementary Docs

Single Copy Documents

Collaborators and Other Affiliations

Deviation Authorization(if applicable)

List of Suggested Reviewers (optional)

Additional Single Copy Documents

Nature of Natural or Anthropogenic Event

Add/Delete Non Co-PI Senior Personnel

Change PI

Link Collaborative Proposals

Go Back

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Click the radio button beside the appropriate person's name and then click “New Form” to upload their Current & Pending Support

Current and Pending Support

IMPORTANT NOTE: Each individual's Current and Pending Support information must be uploaded as a single PDF file or inserted as text associated with that individual.

Existing Support Forms

No forms have been created yet.

Current PI, Co-PIs, and Senior Personnel

☒ Charlesx Dickensx

New Form

Go Back

Fill in all the required information, click **"Save Text"** and then **"Go Back"** until you return to the "Form Preparation" screen.

Current and Pending Support	
for Charlesx Dickensx on proposal# 7666176	
Form Specific Instructions Enter all dates in the format mm/dd/yy. Press the 'Go Back' button to return to the list of all PIs/CoPIs and their support items.	
Project/Proposal Title:	<input type="text"/>
Source of Support:	<input type="text"/>
Project Location:	<input type="text"/>
Total Award Amount: (#####)	<input type="text"/> Starting Date (MM/DD/YY): <input type="text"/> <input type="text"/> Ending Date (MM/DD/YY): <input type="text"/>
Support Type <input checked="" type="radio"/> Current <input type="radio"/> Submission Planned in Near Future <input type="radio"/> Pending <input type="radio"/> Transfer of Support (See Note On Transfer)	
Person-months Per Year Committed to the Project Calendar (##,##): <input type="text"/> Academic (##,##): <input type="text"/> Summer (##,##): <input type="text"/>	
Note On Transfer: If this project has previously been funded by another agency, please list and furnish information for immediately preceding funding period.	
Back to Support Types	
Save Text	Delete Text Go Back
Transfer File	

Follow the instructions on the below screen, then click **"Upload File"** to upload the document. Click **"Go Back"** until you return to the "Form Preparation" screen.

Current and Pending Support
In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.
Follow this link for a list of Supported file formats (Opens new window).
Follow this link for New Upload Instructions (Opens new window).
Enter the name and location of the file to upload or click on the Browse button to select the file to upload
<input type="button" value="Choose File"/> No file chosen
<input type="button" value="Upload File"/>
<input type="button" value="Go Back"/>

Data Management Plan

18. Click on the “Go” button to the left of “Data Management Plan”:

Proposals **must** contain a supplementary document labeled “Data Management Plan” which can simply consist of the statement, “**All data generated in this SBIR (or STTR) Phase I project is considered proprietary.**”

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide (PAPPG)* instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717
Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	08/23/18	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

Data Management Plan

Mentoring Plan¹

GOALI - Industrial PI Confirmation Letter

Project Summary with Special Characters

RAISE - Program Officer Concurrence Emails

Other Supplementary Docs

Single Copy Documents

Collaborators and Other Affiliations

Deviation Authorization(if applicable)

List of Suggested Reviewers (optional)

Additional Single Copy Documents

Nature of Natural or Anthropogenic Event

Add/Delete Non Co-PI Senior Personnel

Change PI

Link Collaborative Proposals

N/A

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Follow the instructions on the below screen, then click “Upload File” to upload the document. Click “Go Back” until you return to the “Form Preparation” screen.

You must have the Adobe Acrobat viewer installed on your computer in order to display PDF files. If you do not have the viewer installed, refer to [Using Adobe Acrobat Reader for Printing](#) for information on locating and installing the viewer.

Per the NSF Grant Proposal Guide (GPG) Chapter II.C.2.j, a data management plan of up to two pages is required. Unless otherwise specified in the solicitation, the data management plan may not exceed the two page limitation. Proposals containing data management plans that exceed two pages may be returned without review if this issue is not corrected prior to proposal submission.

While the supplementary document containing the data cannot exceed two pages, proposers who feel that the plan cannot fit within the supplement limit of two pages may use part of the 15-page Project Description for additional data management information.

Data Management Plan

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

No file chosen

Mentoring Plan

19. Click on the “Go” button to the left of “Mentoring Plan”:

If the SBIR or STTR project will include a sub-award to an academic institution, and that institution is requesting funding for postdoctoral researchers, a “Post Doc Mentoring Plan” must be included as a supplementary document in this proposal. Otherwise, you may skip this section. **Note that employees of the small business or other for-profit companies DO NOT count as postdocs, as they relate to this requirement, and should not be budgeted on line B.1.**

Please consult the solicitation for more information and a sample mentoring plan.

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide (PAPPG)* instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717
Form Preparation

To prepare a form, click on the appropriate button below:

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	08/23/18	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

<input type="button" value="GO"/> Data Management Plan	
<input type="button" value="GO"/> Mentoring Plan ¹	
<input type="button" value="GO"/> GOALI - Industrial PI Confirmation Letter	
<input type="button" value="GO"/> Project Summary with Special Characters	
<input type="button" value="GO"/> RAISE - Program Officer Concurrence Emails	
<input type="button" value="GO"/> Other Supplementary Docs	

Single Copy Documents

<input type="button" value="GO"/> Collaborators and Other Affiliations	
<input type="button" value="GO"/> Deviation Authorization(if applicable)	
<input type="button" value="GO"/> List of Suggested Reviewers (optional)	
<input type="button" value="GO"/> Additional Single Copy Documents	
<input type="button" value="GO"/> Nature of Natural or Anthropogenic Event	

<input type="button" value="GO"/> Add/Delete Non Co-PI Senior Personnel	N/A
<input type="button" value="GO"/> Change PI	
<input type="button" value="GO"/> Link Collaborative Proposals	

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Follow the instructions on the below screen, then click “Upload File” to upload the document. Click “Go Back” until you return to the “Form Preparation” screen.

FORM: FastLane.A1MentorSB

You must have the Adobe Acrobat viewer installed on your computer in order to display PDF files. If you do not have the viewer installed, refer to [Using Adobe Acrobat Reader for Printing](#) for information on locating and installing the viewer.

Notice: Mentoring plans are not required for conference, symposia or workshop proposals. When submitting this type of proposal, a document must be uploaded, in place of the Mentoring Plan, stating only 'Not applicable - Conference, symposia or workshop proposal.' For further information on proposal preparation instructions for these types of proposals, please refer to the GPG chapter II.D.8

Per the NSF Grant Proposal Guide (GPG) Chapter II.C.2.j, each proposal that requests funding to support postdoctoral researchers must include a mentoring plan of up to one page. Unless otherwise specified in the solicitation, the mentoring plan may not exceed the one page limitation. Proposals containing mentoring plans that exceed one page may be returned without review if this issue is not corrected prior to proposal submission.

Mentoring Plan

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

Other Supplementary Docs

20. Click on the “Go” button to the left of “Other Supplementary Docs”:

Important Proposal Preparation Information

FastLane will check for required sections of the full proposal, in accordance with *Proposal & Award Policies & Procedures Guide (PAPPG)* instructions described in Chapter II.C.2. The PAPPG requires submission of: Project Summary; Project Description; References Cited; Biographical Sketch(es); Budget; Budget Justification; Current and Pending Support; Facilities, Equipment & Other Resources; Data Management Plan; and Postdoctoral Mentoring Plan, if applicable. If a required section is missing, **FastLane will not accept the full proposal**.

Note that for conference or international travel grant proposals, or program solicitations, submission instructions may deviate from the PAPPG instructions.

Forms for Temp. Proposal #7874717
Form Preparation

To prepare a form, click on the appropriate button below.

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet	08/23/18	<input type="button" value="GO"/> Project Summary	
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification)		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

<input type="button" value="GO"/> Data Management Plan	
<input type="button" value="GO"/> Mentoring Plan ¹	
<input type="button" value="GO"/> GOALI - Industrial PI Confirmation Letter	
<input type="button" value="GO"/> Project Summary with Special Characters	
<input type="button" value="GO"/> RAISE - Program Officer Concurrence Emails	
<input type="button" value="GO"/> Other Supplementary Docs	

Single Copy Documents

<input type="button" value="GO"/> Collaborators and Other Affiliations	
<input type="button" value="GO"/> Deviation Authorization(if applicable)	
<input type="button" value="GO"/> List of Suggested Reviewers (optional)	
<input type="button" value="GO"/> Additional Single Copy Documents	
<input type="button" value="GO"/> Nature of Natural or Anthropogenic Event	

Add Delete Non Co-PI Senior Personnel N/A |

Change PI |

Link Collaborative Proposals |

¹Please be advised that many Postdoctoral Fellowship programs do not require, and may not allow, submission of a separate mentoring plan if the proposal is submitted to NSF by an individual applicant. Please refer to the specific Fellowship program solicitation to determine whether or not submission of the postdoctoral researcher mentoring plan is required.

Reference the current solicitation for restrictions and explanations of what NSF requires and what NSF allows in the Supplementary Documents. Items beyond those specifically requested and permitted should not be included. You are encouraged to compile and convert all of your Supplementary Documents into a single PDF file and upload using the “Transfer File” button below.

Type/Upload your necessary information in the below text box. When this section is completed, click “Go Back” to return to the “Proposal Actions” screen.

FORM: FastLane A1(Suppl)Text

SHRCOND-P

Other Supplementary Docs

Enter text for the Other Supplementary Docs or click on “Transfer File” to upload a file

Follow the instructions on the below screen, then click “Upload File” to upload document. Click “Go Back” until you return to the “Proposal Actions” screen.

You must have the Adobe Acrobat viewer installed on your computer in order to display PDF files. If you do not have the viewer installed, refer to [Using Adobe Acrobat Reader for Printing](#) for information on locating and installing the viewer.

Supplementary Documents

In addition to PDF files, users can now upload a variety of word-processor files and PostScript files. These files will automatically be converted to PDF format.

Follow this link for a list of [Supported file formats](#) (Opens new window).

Follow this link for [New Upload Instructions](#) (Opens new window).

Enter the name and location of the file to upload
or click on the **Browse** button to select the file to upload

No file chosen

3. Application Overview

Print Proposal

If you have completed all the above actions you are now ready to submit your proposal. If you want to print out your proposal before moving to the submission and printing section below, return to the "Proposal Actions" screen and click on the "Print" button. **This will allow you to have a hard copy of what you have entered into FastLane.** (The printed proposal is not your official proposal). NOTE: Only the organization's AOR (Authorized Organizational Representative) can submit the proposal to NSF. The AOR is also sometimes referred to as the SPO (Sponsored Project Officer) in the NSF systems.

-If you have SPO Access Rights, you can click the "**Submit SBIR**" or "**Submit STTR**" button and the proposal will be submitted to NSF. You will receive a confirmation email with the new NSF Proposal ID.

-If you **do not** see the "Submit SBIR" or "Submit STTR" button on the "Proposal Action" screen, you do not have the FastLane SPO Access Rights. **Follow the instructions outlined below.**

Allow SPO Access

1. To begin the submission process, return to the Proposal Actions screen; select and highlight the proposal you wish to submit and click on the button "**Allow SPO Access**".

FORM: FastLane.A1PropSel

Proposal Actions

***Please note:** A Data Management Plan will be required for all proposals submitted or due on or after January 18, 2011. FastLane will be updated to enable its upload as a separate Supplementary Document. Proposals that do not include the requisite plan will be stopped from submission. Specific guidance is included in Chapter II.C.2.j of the revised NSF Proposal & Award Policies & Procedures Guide

FastLane will automate the enforcement of deadline dates. Proposers should allow sufficient time to submit proposals before 5 PM submitter's local time on the deadline date(s) shown below or they risk not being able to submit their proposal to NSF.

Temporary Proposals in Progress

Temporary Proposal # - Title of the Proposal - Deadline Date

7666176 -
7666175 -

Edit Delete Check **Allow SPO Access** Proposal PIN Print

Create New Proposal

Create Blank Proposal

SBIR Phase I SBIR Phase II STTR Phase I STTR Phase II

Go Back

2. At this point, FastLane may notify you of some warnings and/or errors related to the proposal. "**Errors**" will prevent you from submitting the proposal until they are remedied. You will receive an "error" if modules or required documents are missing that must be included per NSF policy. Proposers are strongly encouraged to submit their proposal early (days, not hours) to ensure adequate time is afforded to troubleshoot any errors that will prevent submission at this stage. FastLane will not accept any proposals after 5:00 pm submitter's time. Your organization's time zone is set in the registration section of Research.gov.

Proposal Errors/Warnings For Temporary Proposal Id 7666176

Proposal Errors

Items listed here will prevent submission.
Print this page for reference before returning to the Form Preparation screen.

- Collaborative Status Unanswered: Select an option on the Cover Sheet
 - No Funding Mechanism Selected: Select a Funding Mechanism on the Cover Sheet
 - Invalid Year Firm Founded - Enter a 4-digit Year Firm Founded on the SBIR/STTR section of the Remainder of the Cover Sheet form.
 - Small Business Concern 1 Unanswered - Enter a response to Small Business Concern Item 1 on the Remainder of the Cover Sheet form.
 - Small Business Concern 2 Unanswered - Enter a response to Small Business Concern Item 2 on the Remainder of the Cover Sheet form.
 - Small Business Concern 3 Unanswered - Enter a response to Small Business Concern Item 3 on the Remainder of the Cover Sheet form.
 - Small Business Concern 4 Unanswered - Enter a response to Small Business Concern Item 4 on the Remainder of the Cover Sheet form.
 - Small Business Concern 5 Unanswered - Enter a response to Small Business Concern Item 5 on the Remainder of the Cover Sheet form.
 - Small Business Concern 6 Unanswered - Enter a response to Small Business Concern Item 6 on the Remainder of the Cover Sheet form.
 - Small Business Concern 7 Unanswered - Enter a response to Small Business Concern Item 7 on the Remainder of the Cover Sheet form.
 - Small Business Concern 8 Unanswered - Enter a response to Small Business Concern Item 8 on the Remainder of the Cover Sheet form.
 - Small Business Concern 9 Unanswered - Enter a response to Small Business Concern Item 9 on the Remainder of the Cover Sheet form.
 - Small Business Concern 10 Unanswered - Enter a response to Small Business Concern Item 10 on the Remainder of the Cover Sheet form.
 - Small Business Concern 11 Unanswered - Enter a response to Small Business Concern Item 11 on the Remainder of the Cover Sheet form.
 - No Topic Selected - Select an SBIR/STTR Phase I Topic on the Remainder of the Cover Sheet form.
- Project Summary: You must enter information in all three text boxes on the Project Summary Page.
- No Data Management Plan - A Data Management Plan has not been completed. Please upload a Data Management Plan in the 'Supplementary Documents: Data Management Plan' section. Your proposal may be returned without review if this issue is not corrected prior to proposal submission.
- No Deadline/Target Date - a deadline or target date has not been selected on the Cover Sheet of the proposal. To correct this error, update the Cover Sheet by selecting an appropriate deadline or target date from the 'Deadline/Target Date' dropdown.

FastLane may also give you “warnings” that do not prevent proposal submission, but could indicate missing items that are required by the solicitation. Please be sure to review and address these warnings in the context of the specific solicitation requirements.

Proposal Warnings

Items listed here will not prevent submission.
Print this page for reference before returning to the Form Preparation screen.

- Insufficient Amount Requested - An amount not greater than \$1 has been entered for the Requested Amount on the Remainder of the Cover Sheet form.
- Insufficient Duration Requested - A duration less than 1 month has been entered for the Proposal Duration on the Remainder of the Cover Sheet form.
- No Title - A Title for the Proposed Project has not been entered on the Remainder of the Cover Sheet form.
- No Starting Date - A Requested Starting Date has not been entered on the Remainder of the Cover Sheet form.
- No Year Firm Founded - The Year Firm Founded has not been entered as a four-digit number on the Remainder of the Cover Sheet form.
- No Past Year Employee Count - The Average Number of Employees for the Previous 12 Months has not been entered on the Remainder of the Cover Sheet form.
- No Employee Count - The Current Number of Employees has not been entered on the Remainder of the Cover Sheet form.
- No Officer Name - The Company Officer Name has not been entered on the Remainder of the Cover Sheet form.
- No Officer Title - The Company Officer Title has not been entered on the Remainder of the Cover Sheet form.
- No Officer Phone Number - The Company Officer Telephone Number has not been entered on the Remainder of the Cover Sheet form.
- No President Name - The President Name has not been entered on the Remainder of the Cover Sheet form.
- Missing DUNS Number - Enter a valid 9 digit DUNS Number for the Institution.
- Organization-DUNS Conflict - The Identified organization cannot be found in the System for Award Management (SAM) as the organization is either: (1) not registered in SAM or (2) the record in FastLane Research Administration (including the DUNS number and address) does not match the data in SAM. Proposers are required to register in SAM prior to proposal submission. Failure to complete the SAM registration process prior to proposal submission may impact the processing of the proposal.

When you are ready to continue, click “**Proceed**” to continue the submission process.

3. If you are ready to complete the submission process, select the third “**Go**” button for “Allow AOR to view, edit and submit proposal.”

FORM: FastLane A1FormSel

Sponsored Project Office (SPO) Access Control

Current SPO Access for proposal 7666176 is set to None

<input type="button" value="GO"/>	Allow SPO to view proposal
<input type="button" value="GO"/>	Allow SPO to view and edit the proposal
<input type="button" value="GO"/>	Allow AOR to view, edit and submit proposal

4. Then click the “OK” button on the below screen.

FORM: GNFPA1Main

The AOR now has complete access to proposal 7666176

Your proposal is not submitted until your AOR submits the proposal to NSF. Once the proposal is submitted, you will be sent an e-mail with the official NSF proposal number. You can then use FastLane to check the status of the proposal. Once the proposal is submitted, the proposal will no longer appear on the Proposal Actions screen when you log into Proposal Preparation to prepare a proposal. The submitted proposal will show up in your list of Submitted Proposals.

OK

Email(s) has been sent to the following individuals, notifying them of proposal access.
Alan Alphaman

SRO Access Steps

At this point, the Sponsored Project Officer (SPO) has to take the following steps to submit the proposal to NSF.

1. Go to the FastLane Home Page and select the “Research Administration” link.

Proposals, Awards and Status | Proposal Review | Panelist Functions | **Research Administration** | Financial Functions

Honorary Awards | Graduate Research Fellowship Program | Postdoctoral Fellowships and Other Programs

2. Click on the “Sign In to FastLane/Research.gov” button to log in.

Research Administration

Research.gov Proposal Preparation System
Research.gov's new proposal preparation system is now available for preparing and submitting full research non-collaborative proposals. Please use the link below to access the new system:
[Research.gov Proposal Preparation](#)

Log in for the following permission-based functions:

- Accounts Management
- Letters of Intent
- Proposals/Supplements/File Updates/Withdrawals
- Award Documents
- Forwarded/Submitted Revised Budgets
- Notifications & Requests
- Organizational Reports
- Project Reports - Disabled in FastLane. Log in to [Research.gov](#)

Log In

Single Sign On is now available for Research Administrators to utilize both FastLane and Research.gov

Sign In to FastLane/Research.gov

Forgot Password? (create ROR ID)

As a security measure, your FastLane account will expire after 90 minutes of inactivity.

2a. The authorized organizational representative will be asked to provide the following Sign-in information:

- Last name
- NSF ID
- Password

Research.gov
ONLINE GRANTS MANAGEMENT
FOR THE NSF COMMUNITY

Sign In | Register | Home | Contact | Help | About

NSF User Sign In

There are 2 ways to sign in to Research.gov. Use your NSF ID or your organization credentials.

NSF ID

[Forgot? / Look Up NSF ID](#)

Password

[Forgot Password](#)

Sign In

Organization Credentials

Select your organization from the drop-down menu below, to be taken to the InCommon Log In page for your organization.

Pick Your Organization

Sign In

New to NSF?
[Register](#)

Don't see your organization listed?
[Learn more / Register for InCommon](#)

[Sign In for NSF Staff](#)

2b. Navigate to 'Research Administration' from the 'My Desktop'



3. Click "Proposals/File Updates/Withdrawals". The screen displays on the Documents in Progress tab.



Click "Submit" in the row for the proposal you want to submit.



The "Proposal Errors/Warnings" screen gives you the capability to submit the proposal, if there are no errors that prevent submission. Warnings will not prevent submission, but may alert you to missing items that are required by the specific program or solicitation. You are urged to address and correct these issues.

Proposals/Supplements/File Updates/Withdrawals | MAIN ▶

Organization: Test Institution

Documents in Progress

Withdrawals In Progress

Submitted Documents

Proposal Errors/Warnings For Temporary Proposal Id 7154556

Proposal Warnings

Items listed here will not prevent submission.
Print this page for reference before returning to the Form Preparation screen.

- Invalid Zip Code Found - The Zip Code of the institution must be 9 digits.
- Missing DUNS Number - Enter a valid 9 digit DUNS Number for the institution.
- Organization-DUNS Conflict - The identified organization cannot be found in the Central Contractor Registration (CCR) as the organization is either: (1) not registered in CCR or (2) the record in FastLane Research Administration (including the DUNS number and address) does not match the data in the CCR. Effective January 5, 2008, proposers are required to register in the CCR prior to proposal submission. Failure to complete the CCR registration process prior to proposal submission may impact the processing of the proposal.

INDEX

[Proposal](#)

[Signing Authority Certification Section](#)

[Debarment Section](#)

[Lobbying Certification Section](#)

[Contracts Certification Section](#)

[Signature Section](#)

Submit Proposal

5. There are two options at this point: **Submit and Sign the Proposal** or **Submit the Proposal Only**. The steps below are for the **Submit and Sign the Proposal** option. (If you are an SPO with AOR permissions, you have the capability to submit and sign the proposal. If you submit without signing, please have the AOR sign the proposal within 5 days of submission.)

5a. "Debarment and Suspension": click the **radio button for "Yes or No"** if there are any debarments or suspensions of you or of your organization from transactions with federal agencies. (If you answered Yes, provide an explanation in the text box.)

Debarment and Suspension Certification

Is the organization or its principals presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency?

☒ No

☐ Yes (If "yes" please provide an explanation below.)

By electronically signing the Certification Pages, the Authorized Organizational Representative (or equivalent) or Individual Applicant is providing the Debarment and Suspension Certification contained in Exhibit II-4 of the Proposal & Award Policies & Procedures Guide.

5c. **Proposal Submission Confirmation** screen: Displays a message that the proposal has been successfully submitted to NSF. It also displays the official NSF proposal number which has been assigned.

- Write down the NSF proposal number
- Print a copy of the **Proposal Submission Confirmation** screen, if desired
- Click the **"OK"** button to return to the "Documents in Progress" tab

PROPOSAL SUBMISSION CONFIRMATION

**Proposal 7789518 has been successfully submitted to
NSF**

Oct 05 2017 2:59PM EDT

This proposal has now been assigned the following NSF Proposal Number:
1800006

Please make a note of this number, it is the official NSF proposal number.
Your Signature has been recorded

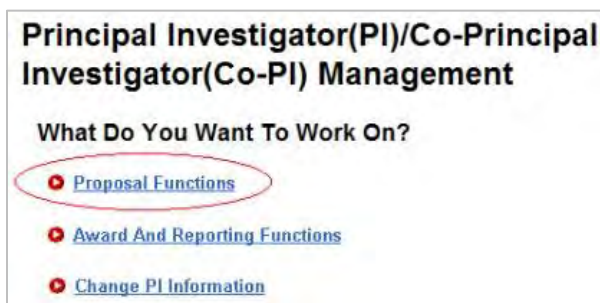
OK

This is the Proposal Number you should reference in all communications with NSF regarding this proposal henceforward.

4. Create a Proposal File Update

On the **FastLane Home Page** screen, select the **Proposals, Awards, and Status** button on the blue toolbar ([see PI/Co-PI Login](#)) and login as the Principal Investigator.

The **Principal Investigator (PI)/Co-Principal Investigator (Co-PI) Management** screen displays (Figure 1). Click **Proposal Functions**.




Principal Investigator(PI)/Co-Principal Investigator(Co-PI) Management

What Do You Want To Work On?

- [Proposal Functions](#)
- [Award And Reporting Functions](#)
- [Change PI Information](#)

The **Principal Investigator (PI)/Co-Principal Investigator (Co-PI) Management Proposal Functions** screen displays. Click **Proposal File Update**.

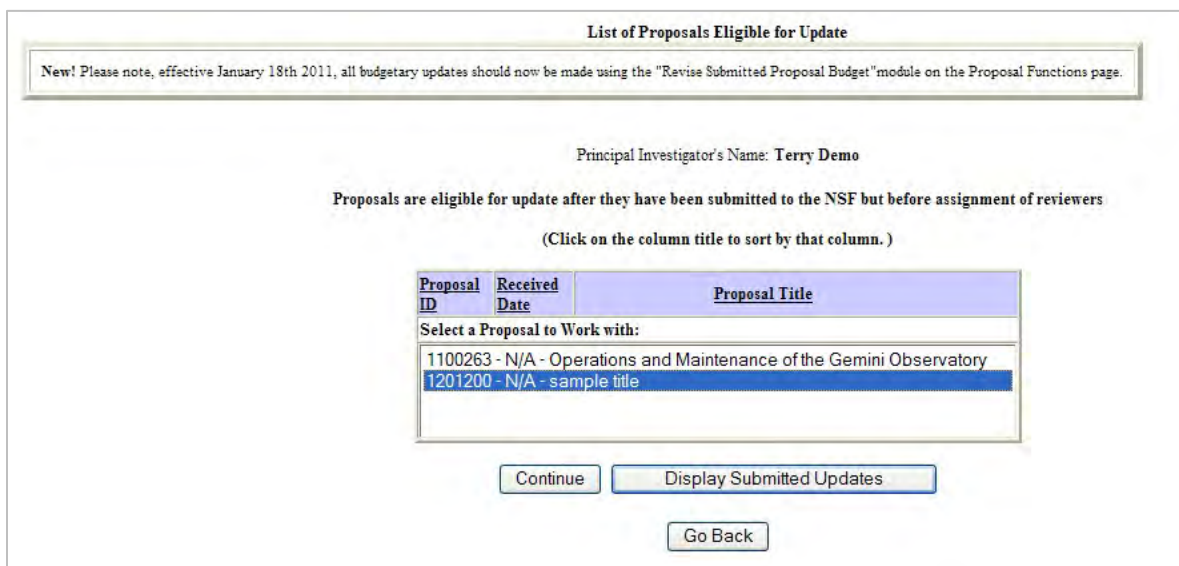


Principal Investigator(PI)/Co-Principal Investigator(Co-PI) Management

Proposal Functions

- [Letters of Intent](#)
- [Proposal Preparation](#)
- [Proposal Status](#)
- [Display Reference Status](#)
- [Revise Submitted Proposal Budget](#)
- [Proposal File Update](#)

The **List of Proposals Eligible for Update** screen displays. Highlight the proposal you want to work on in the **List of Proposals Eligible for Update**. Click the **Continue** button.



List of Proposals Eligible for Update

New! Please note, effective January 18th 2011, all budgetary updates should now be made using the "Revise Submitted Proposal Budget" module on the Proposal Functions page.

Principal Investigator's Name: **Terry Demo**

Proposals are eligible for update after they have been submitted to the NSF but before assignment of reviewers

(Click on the column title to sort by that column.)

<u>Proposal ID</u>	<u>Received Date</u>	<u>Proposal Title</u>
Select a Proposal to Work with:		
1100263	N/A	Operations and Maintenance of the Gemini Observatory
1201200	N/A	sample title

The **Proposal Update Control** screen for that proposal displays. Click the **Create Update** button.

Proposal Update Control

Proposal Number: 1201200

Title: sample title

There are no updates in progress for this Proposal.
Please click on the "Create Update" button to proceed.

A request for a proposal file update automatically will be accepted if submitted prior to:

- the deadline date specified in a program solicitation;
- initiation of external peer review in cases when a target date is utilized; and
- initiation of external peer review in the case of an unsolicited proposal.

Create Update

The **Proposal Update Control** screen for the proposal displays. Click the **View/Edit Update** button.

Proposal Update Control

Proposal Number: 1201200

Title: sample title

Update Initially Created on Jan 27 2012

A request for a proposal file update automatically will be accepted if submitted prior to:

- the deadline date specified in a program solicitation;
- initiation of external peer review in cases when a target date is utilized; and
- initiation of external peer review in the case of an unsolicited proposal.

View/Edit Update **Delete Update** **Create Update Pin**

View Update Summary **Allow SPO Access**

Go Back

[Instructions to Proposal Update](#)

National Science Foundation
4201 Wilson Boulevard
Arlington, Virginia 22230, USA

Tel: 703-292-5111
FIRS: 800-877-8339
TDD: 703-292-5090

The **Proposal Update Form Preparation** screen displays. This screen lists all the forms for the proposal; you can update any form. Click the **Go** button for the form that you want to update. See [Prepare Proposal Forms](#) for the instructions for any form. Type or copy and paste text in the text box for the form or upload a new file to replace the old file. See [Acceptable Formats for FastLane](#) and [Upload a File](#) for instructions.

Proposal Update

Proposal Number: 1201200
Original Title: sample title
Created Date: Jan 27 2012

Form Preparation

To prepare a form, click on the appropriate button below.

New! Please note, effective January 18th 2011, all budgetary updates should now be made using the "Revise Submitted Proposal Budget" module on the Proposal Functions page.

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet (Changed)	05/09/12	<input type="button" value="GO"/> Project Summary	01/27/12
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	01/27/12
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification) <small>Budgetary updates are available through Revise Submitted Proposal Budget module. Please click here for more information.</small>		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

Supplementary Documents

<input type="button" value="GO"/> Data Management Plan	01/27/12
<input type="button" value="GO"/> Other Supplementary Docs	

Single Copy Documents

<input type="button" value="GO"/> PI Co-PI Information	N/A	<input type="button" value="GO"/> Add Delete Non Co-PI Senior Personnel <small>Contact your Program Office for Pre-Award Personnel changes. Please click here for more information.</small>
<input type="button" value="GO"/> Deviation Authorization(if applicable)		<input type="button" value="GO"/> Change PI
<input type="button" value="GO"/> List of Suggested Reviewers (optional)	N/A	
<input type="button" value="GO"/> Additional Single Copy Documents		

After you have accepted the uploaded form or saved the text in the text box, the **Proposal Update Form Preparation** screen displays. The updated form (the Project Summary in screenshot above as an example) now displays in red and is marked as Changed with the date of the change. Repeat for any forms you want to replace.

Click the **Proposal Update Justification Note** button.

Proposal Update

Proposal Number: 1201200
Original Title: sample title
Created Date: Jan 27 2012

Form Preparation

To prepare a form, click on the appropriate button below.

New! Please note, effective January 18th 2011, all budgetary updates should now be made using the "Revise Submitted Proposal Budget" module on the Proposal Functions page.

Form	Saved	Form	Saved
<input type="button" value="GO"/> Cover Sheet (Changed)	05/09/12	<input type="button" value="GO"/> Project Summary (Changed)	06/21/12
<input type="button" value="GO"/> Table of Contents	N/A	<input type="button" value="GO"/> Project Description	01/27/12
<input type="button" value="GO"/> References Cited		<input type="button" value="GO"/> Biographical Sketches	
<input type="button" value="GO"/> Budgets (Including Justification) <small>Budgetary updates are available through Revise Submitted Proposal Budget module. Please click here for more information.</small>		<input type="button" value="GO"/> Current and Pending Support	
<input type="button" value="GO"/> Facilities, Equipment, and Other Resources			

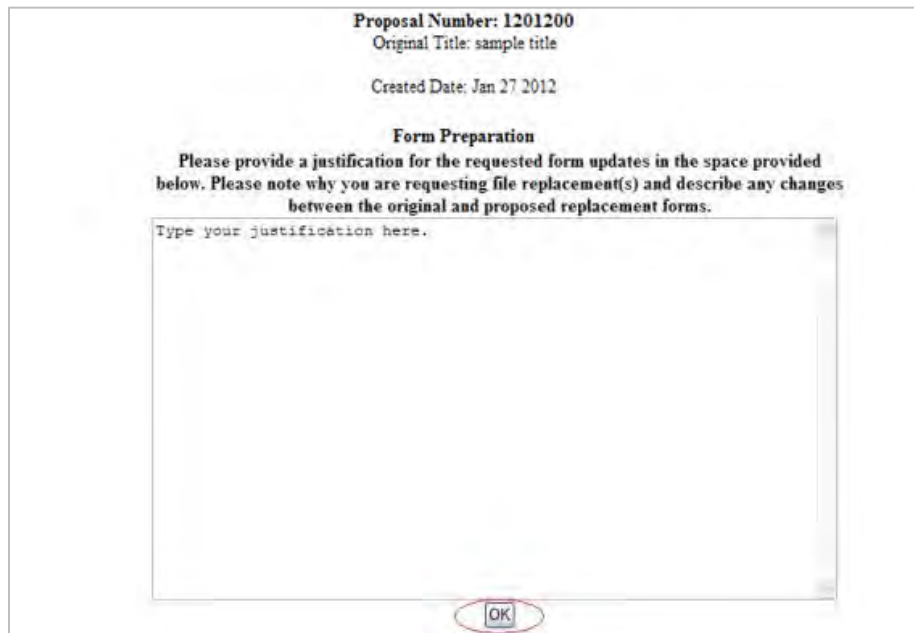
Supplementary Documents

<input type="button" value="GO"/> Data Management Plan	01/27/12
<input type="button" value="GO"/> Other Supplementary Docs	

Single Copy Documents

<input type="button" value="GO"/> PI Co-PI Information	N/A	<input type="button" value="GO"/> Add Delete Non Co-PI Senior Personnel <small>Contact your Program Office for Pre-Award Personnel changes. Please click here for more information.</small>
<input type="button" value="GO"/> Deviation Authorization(if applicable)		<input type="button" value="GO"/> Change PI
<input type="button" value="GO"/> List of Suggested Reviewers (optional)	N/A	
<input type="button" value="GO"/> Additional Single Copy Documents		

The **Justification Note** screen displays with a text box for entering the justification for the Proposal File Update. Type or copy and paste the Justification in the text box. Click the **OK** button.



Proposal Number: 1201200
Original Title: sample title
Created Date: Jan 27 2012

Form Preparation
Please provide a justification for the requested form updates in the space provided below. Please note why you are requesting file replacement(s) and describe any changes between the original and proposed replacement forms.

Type your justification here.

OK

A screen displays with the message that the Justification Note has been saved. Click the **OK** button.



Justification Note for the update has been saved.

OK

The **Proposal Update Form Preparation** screen displays.

Warning – the PFU is not received by NSF until your company’s SPO submits

5. Create a Proposal File Update

Access the **Proposal Update Control** screen (see [View and Edit a Proposal File Update](#), Step 1 through Step 5). Click the **Allow SPO Access** button.

A screen displays with a message for you to confirm that you want to allow SPO access to the Proposal File Update. Click the **OK** button.

Proposal Update Control

Proposal Number: 1201200

Title: sample title

Update Initially Created on Jan 27 2012

A request for a proposal file update automatically will be accepted if submitted prior to:

- the deadline date specified in a program solicitation;
- initiation of external peer review in cases when a target date is utilized; and
- initiation of external peer review in the case of an unsolicited proposal.

View/Edit Update

Delete Update

Create Update Pin

View Update Summary

Allow SPO Access

Go Back

The **Access to Proposal File Update Has Been Given to Your SPO** screen displays with the message that the SPO has access to the Proposal File Update. The screen also lists the names of people to whom FastLane has sent emails to notify them of the SPO's access. Click the **OK** button.

Please confirm that you wish to grant access to the Proposal File Update 1 for Proposal No. 1201200. Pls may no longer edit an update after granting access to the SPO.

OK

Go Back

The **Proposal Update Control** screen displays with the update now listed as a Forwarded Update.

Access to Proposal File Update has been given to your SPO(s).

Email(s) has been sent to the following individuals, notifying them of the updated access.

Alan Tester-man

Bharat Prasad

Alan Alphaman

Karun Chella

Dan Sullivan

Alan o'cool

Peter Soverel

Tom Jerry

Clement Ailee

Soumya Kondapalli

Thomas Latter

OK

Please note: The SPO must login under “Research Administration” of Fastlane to submit the forwarded update.

