



Research.gov Update and Demonstration



Fall 2021 Virtual Grants Conference

October 8, 2021



Presenter

Stephanie Yee

IT Specialist

Office of Information and Resource Management

Division of Information Systems

syee@nsf.gov



Agenda

- Migrating Proposal Preparation and Submission from FastLane to Research.gov
 - When, Why and How
 - Advantages of Research.gov Proposal Preparation
 - Research.gov Proposal Tips
- Research.gov Proposals: Where We Are and What's Ahead
- Recent Research.gov Proposal Enhancements
 - New Proposal Functionality
 - Biographical Sketch and Current and Pending Support Updates
- Research.gov Proposal Demo
- Research.gov Proposal Preparation Demo Site and Training Resources
- Information Resources for the Research Community
- Contacts for Questions



Migrating Proposal Preparation and Submission from FastLane to Research.gov



Research.gov Implementation – Important Notice No. 147

- Per [Important Notice No. 147](#), NSF is taking proactive steps to incrementally move the preparation and submission of all proposals from FastLane to Research.gov
- FastLane is targeted to be removed as a submission option from all funding opportunities **by December 31, 2022**
- Many NSF funding opportunities are supported in Research.gov and clearly specify whether submission via Research.gov is available or required

Important Notice No. 147

Research.gov Implementation Update

Important Notice to Presidents of Universities and Colleges and Heads of Other National Science Foundation Grantee Organizations

September 22, 2020

The National Science Foundation (NSF) has been at the forefront in the development of Federal agency electronic systems designed to prepare and submit proposals for Federal financial assistance. From the introduction of FastLane in 1994, to the incremental development of Research.gov as its eventual replacement, NSF has led the way with modern, agile systems tailored to meet the needs of the research community.

While NSF's FastLane system has been a resounding success story, it is now an aging, antiquated system that has become increasingly expensive to maintain and even harder to improve. Over the past few years, NSF has partnered with and received valuable input from the research community, resulting in the development of a modern, flexible Research.gov system that reduces administrative burden to meet the current and future needs of researchers, administrators and organizations. As a result, NSF has successfully migrated important research functions from FastLane to Research.gov including the preparation and submission of annual and final project and outcomes reports, most notifications and requests and award payments. NSF is now taking proactive steps to incrementally move the preparation and submission of all proposals from FastLane to Research.gov with a tentative target date for completion by 2022.

In support of this effort, in the coming weeks and months, NSF will begin making changes to specific funding opportunities to require the use of Research.gov for the preparation and submission of proposals to NSF.¹ The Directorate for Biological Sciences (BIO) will soon require the use of Research.gov for the preparation and submission of proposals in response to its core programs that do not have deadline dates. NSF funding opportunities will clearly specify whether submission via Research.gov is available or required.

To ensure that researchers and administrators are prepared for these changes, NSF is developing additional training materials to meet the needs of the community. This includes video tutorials, Frequently Asked Questions, step-by-step guides and a demonstration site. Current training materials are available on the [About Research.gov site](#).

NSF encourages the community to become familiar with Research.gov and to begin using it for the preparation and submission of proposals, as well as to provide NSF with valuable feedback. For additional information, FAQs, opportunities for training and to provide feedback, please visit [Research.gov](#).

Dr. Sethuraman Panchanathan
Director

¹During this time, NSF will continue to permit proposals to be prepared and submitted via Grants.gov.



Migrating Proposal Preparation and Submission from FastLane to Research.gov: *Why?*

- FastLane, launched in 1994, is built on technology once cutting edge but now considered old and inflexible
 - Research.gov architecture can support current and future improvements and requested features to help reduce administrative burden for both the research community and NSF staff (e.g., expanded automated compliance checking supports reducing administrative burden as well as minimizing return without review proposals)
 - Research.gov user interface conforms to modern industry standards and is intuitive and user-friendly
- Since July 2020, Research.gov is able to support all Research proposals that conform to standard [Proposal & Award Policies & Procedures Guide](#) (PAPPG) requirements for formatting and document content
- New proposal types and submission types are only being developed in Research.gov

Note: Grants.gov continues to be an option for the preparation and submission of most types of NSF proposals. Research.gov is not the same as Grants.gov, the interagency portal allowing organizations to search and apply for federal funding opportunities for many federal agencies including NSF.



Migrating Proposal Preparation and Submission from FastLane to Research.gov: *How?*

- Incrementally remove FastLane from funding opportunities as an option for proposal submission. Gradual proposal system transition decreases burden on both the research community and NSF staff (e.g., Program Officers and NSF Help Desk technicians)
- Continue to develop and deploy additional proposal preparation functionality in Research.gov ([Research.gov Proposal Submission Capabilities](#))
- Engage NSF staff to facilitate a smooth transition
- Expand Foundation-wide efforts to reach the research community
- Bolster training resources for internal and external stakeholders
- Update NSF policy documents including the PAPPG



Research.gov Proposal Preparation: Advantages for Principal Investigators and Research Administrators

Features to help reduce proposal preparation administrative burden:

- Improved user experience through intuitive and dynamic interfaces that provide only relevant proposal preparation options
- Immediate feedback within each proposal section and for each document upload rather than at proposal submission in FastLane
- Faster document uploads (a few seconds versus 30-90 seconds for each document upload in FastLane)
- Expanded [automated compliance checking](#) utilizing error messages (preventing proposal submission) and warning messages (allowing proposal submission)
 - There are currently **100+** compliance checks in Research.gov versus **~60** compliance checks in FastLane
 - Specific, actionable error and warning messages
- Higher quality proposal submissions (e.g., PDF uploads are not altered)
- Minimized Return without Reviews due to some proposal formatting issues



Research.gov Proposal Preparation Tips

- Research.gov is being added to solicitations whenever possible as a submission option, even if FastLane is not yet removed. NSF strongly encourages proposal submission via Research.gov
- Program descriptions and solicitations are supported in Research.gov
- Proposal information cannot be transferred from FastLane to Research.gov and vice versa
- Proposal file updates (PFUs) and budget revisions must be executed in the same system as the proposal was submitted (i.e., Research.gov or FastLane)
- All proposals in a separately submitted collaborative from multiple organizations must be prepared in the same system (i.e., all in Research.gov or all in FastLane)
- Proposals submitted in Research.gov are evaluated by NSF in the same way as proposals submitted in FastLane and Grants.gov, and this migration does not affect the merit review process in any way



Research.gov Proposals: Where We Are and What's Ahead

As of 10/4/21

Current Capabilities	Upcoming Capabilities	Future Capabilities
<p>Proposal Types</p> <ul style="list-style-type: none"> ✓ Research: Single Submissions from One Organization (<i>April 2018</i>) ✓ Research: Single Submission Collaborative Proposals with Subawards (<i>June 2019</i>) ✓ Research: Separately Submitted Collaborative Proposals from Multiple Organizations (<i>March 2020</i>) ✓ Rapid Response Research (RAPID) (<i>November 2020</i>) ✓ EARly-concept Grants for Exploratory Research (EAGER) (<i>November 2020</i>) ✓ Research Advanced by Interdisciplinary Science and Engineering (RAISE) (<i>November 2020</i>) ✓ Facilitation Awards for Scientists and Engineers with Disabilities (FASED) (<i>March 2021</i>) ✓ Equipment (<i>March 2021</i>) ✓ Travel (<i>March 2021</i>) ✓ Conference (<i>August 2021</i>) ✓ Ideas Lab (<i>August 2021</i>) ✓ Grant Opportunities for Academic Liaison with Industry (GOALI) (<i>October 2021</i>) ✓ Planning (<i>October 2021</i>) <p>Submission Types:</p> <ul style="list-style-type: none"> ✓ Preliminary Proposal (Ideas Lab only) (<i>August 2021</i>) ✓ Renewal Proposal (<i>August 2021</i>) ✓ Accomplishment-Based Renewal Proposal (<i>August 2021</i>) ✓ Letter of Intent (<i>October 2021</i>) <p>Proposal Features</p> <ul style="list-style-type: none"> ✓ Withdrawal (Single and Separately Submitted Collaborative Proposal Submissions) (<i>March 2021</i>) <p>Training</p> <ul style="list-style-type: none"> ✓ Research.gov Proposal Prep Demo Site (<i>October 2020</i>) ✓ Initial Topic-specific How-to Guides (<i>March 2021</i>) ✓ Proposal Preparation Demo Video (<i>March 2021</i>) 	<p>Proposal Types</p> <ul style="list-style-type: none"> • Center (<i>Late fall 2021 release</i>) • Research Infrastructure (<i>Late fall 2021 release</i>) • Fellowship (including Reference Letter Writer) (<i>TBD release</i>) <p>Submission Types</p> <ul style="list-style-type: none"> • Preliminary Proposal (<i>non-Ideas Lab</i>) (<i>Winter 2022 release</i>) • Full Proposal related to a Preliminary Proposal (<i>Winter 2022 release</i>) <p>Proposal Features</p> <ul style="list-style-type: none"> • Project Descriptions Exceeding 15 Pages (<i>Late fall 2021 release</i>) • EHR Project Data Form (<i>TBD release</i>) <p>Training</p> <ul style="list-style-type: none"> • Additional Topic-specific How-to Guides (<i>ongoing</i>) • Webinars (<i>e.g., Fall 2021 ERA Forum</i>) 	<p>Proposal Types</p> <ul style="list-style-type: none"> • SBIR and STTR Phases I/II <p>Solicitation-specific Requirements</p> <ul style="list-style-type: none"> • Additional specified forms or documents (<i>e.g., post-doc forms</i>) • Secondary Units of Consideration <p>Post-award Actions</p> <ul style="list-style-type: none"> • Supplemental Funding Requests, including Career Life Balance Supplemental Funding Requests per PAPPG (NSF 22-1)



Recent Research.gov Proposal Enhancements



Recent Research.gov Proposal Enhancements

- New submission types and new proposal types were enabled in Research.gov on August 30 and on October 4:

<i>NEW Submission Types</i>	<i>NEW Proposal Types</i>
<p>August 30:</p> <ul style="list-style-type: none">• Preliminary Proposal (Ideas Lab Only)• Renewal• Accomplishment-Based Renewal	<p>August 30:</p> <ul style="list-style-type: none">• Conference• Ideas Lab
<p>October 4:</p> <ul style="list-style-type: none">• Letter of Intent	<p>October 4:</p> <ul style="list-style-type: none">• GOALI• Planning

- An updated layout for the proposal preparation landing page was enabled on August 30 and enhanced on October 4 to include letter of intent
- Research.gov system changes in support of PAPPG ([NSF 22-1](#)) were implemented on October 4, including enhancements to support the updated NSF-approved formats for biographical sketch and current and pending support. Trimming functionality for the current and pending support fillable PDF was also enabled



Recent Enhancements: Proposal Preparation Landing Page

- An updated proposal preparation landing page was enabled to accommodate new submission types in Research.gov and in the Research.gov Proposal Preparation demo site
- Users select the submission type first and then will follow the custom setup wizard to initiate the letter of intent or proposal

Proposal Preparation Updated Landing Page Screenshot

My Desktop Prepare & Submit Proposals Awards & Reporting Manage Financials Administration

Attention: Research.gov now supports preparation and submission of many proposal types including Preliminary (Ideas Lab only) and Renewal. View the [Research.gov Proposal Submission Capabilities](#) for details.

Letters of Intent and Proposals (Preliminary, Full, and Renewal)

What would you like to work on?

Prepare New

Answer a few questions to set up letters of intent or proposals (including renewals).

Prepare New

What information will need to be provided?

In Progress

Continue working on a previously prepared letter of intent or proposal that has not yet been submitted to the NSF.

Work with In Progress

Submitted and Updates

View or download a submitted letter of intent or proposal. Perform a Proposal File Update/Budget Revision on a submitted proposal.

View/Update Submitted

Proposal File Update (PFU) / Budget Revision

Proposal Withdrawal



Recent Enhancements: Proposal Preparation Landing Page

New submission types available August 30:

- Preliminary Proposal (Ideas Lab only)
- Renewal Proposal
- Accomplishment-Based Renewal Proposal

New submission type available on October 4:

- Letter of Intent

Updated Landing Page: "Prepare New" Tile Drop-down Menu Options

Letters of Intent and Proposals (Preliminary, Full, and Renewal)

What would you like to work on?

Prepare New
Answer a few questions to set up letters of intent or proposals (including renewals).

In Progress
Continue working on a previously prepared letter of intent or proposal, that has not yet been submitted to NSF.

Submitted and Updates
View or download submitted letters of intent and proposals. Perform a Proposal File Update/Budget Revision on submitted proposals.

Prepare New

- Letter of Intent
- Preliminary Proposal
- Full Proposal
- Renewal
- Accomplishment-Based Renewal

Work with In Progress

View/Update Submitted

Proposal File Update (PFU) / Budget Revision

Proposal Withdrawal



Recent Enhancements: Letter of Intent Preparation

- Letter of intent (LOI) was enabled on October 4
- Users with a Principal Investigator (PI), Sponsored Project Officer (SPO), or Authorized Organizational Representative (AOR) role can initiate an LOI
- Only an LOI prepared in Research.gov can be associated with a Research.gov full proposal. Both the LOI and the associated full proposal must be prepared in either Research.gov or FastLane and can't be a mix of both systems

Letter of Intent Three-step Proposal Setup Wizard

Prepare New Letter of Intent

1. Funding Opportunity
2. Where to Apply
3. Letter of Intent Title

Select Funding Opportunity [Find Funding Opportunity Number](#)

i Select funding opportunities are not yet available in this system. If you do not see your funding opportunity, please check in [FastLane](#)

Show All Filter by number or keyword Showing 1-7 of 7 ◀ Prev 1 Next ▶

Select	Funding Opportunity Number	Funding Opportunity Title	Letter of Intent Due Date
<input type="radio"/>	NSF 21-591	Computer and Information Science and Engineering (CISE) Research Initiation Initiative - test	09/22/2021
<input type="radio"/>	NSF 20-610	CISE Community Research Infrastructure	12/14/2021
<input type="radio"/>	NSF 20-569	Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)	10/04/2021
<input type="radio"/>	NSF 20-567	Coastlines and People	09/28/2021
<input type="radio"/>	NSF 20-559	Historically Black Colleges and Universities Undergraduate Program	07/26/2022
<input type="radio"/>	NSF 20-554	ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions	08/01/2022
<input type="radio"/>	NSF 18-509	Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)	12/03/2021

Showing 1-7 of 7 ◀ Prev 1 Next ▶



Recent Enhancements: Preliminary Proposal Preparation (*Ideas Lab Only*)

- On August 30, preliminary proposals for **Ideas Lab only** were enabled in Research.gov
- FastLane must be used to prepare preliminary proposals for other proposal types
- Only Ideas Lab funding opportunities will display and be available for selection in Step One of the proposal setup wizard

Preliminary Proposal Three-step Proposal Setup Wizard

Prepare New Preliminary Proposal

1. Funding Opportunity 2. Where to Apply 3. Preliminary Proposal Details

Select Funding Opportunity [Find Funding Opportunity Number](#)

Currently, preliminary proposals can only be initiated in Research.gov for Ideas Lab funding opportunities. Use [FastLane](#) to prepare preliminary proposals for other proposal types.

Show All Showing 1-1 of 1 << < Prev **1** Next > >>

Select	Funding Opportunity Number	Funding Opportunity Title
<input type="radio"/>	NSF 19-530	Ideas Lab: Cross-cutting Initiative in CubeSat Innovations

Show All Showing 1-1 of 1 << < Prev **1** Next > >>

Previous Next



Recent Enhancements: Renewals

- Available proposal types for Renewal and Accomplishment-Based Renewal proposals are limited to Research, GOALI, FASED, Conference, and Travel
- To renew a RAPID, EAGER, or Planning proposal, the PI will select the Research proposal type

Research.gov Proposal Screenshots: Renewal and Accomplishment-Based Renewal Proposal Type Options

Prepare New Renewal

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Proposal Type 4. Proposal Details

Select Proposal Type

To renew a Planning, RAPID, or EAGER proposal, the proposal type must be 'Research.'

What type of proposal will be used? Proposal Types

- Research
- Planning PAPPG II.E.1
- Rapid Response Research (RAPID) PAPPG II.E.2
- Early-concept Grants for Exploratory Research (EAGER) PAPPG II.E.3
- Research Advanced by Interdisciplinary Science and Engineering (RAISE) PAPPG II.E.4
- Grant Opportunities for Academic Liaison with Industry (GOALI) PAPPG II.E.5
- Ideas Lab PAPPG II.E.6
- Facilitation Awards for Scientists and Engineers with Disabilities (FASED) PAPPG II.E.7
- Conference PAPPG II.E.9
- Equipment PAPPG II.E.10
- Travel PAPPG II.E.11
- Center
- Research Infrastructure
- Fellowship
- Small Business Innovation Research Program (SBIR)
- Small Business Technology Transfer Program (STTR)

Prepare New Accomplishment-Based Renewal

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Proposal Type 4. Proposal Details

Select Proposal Type

To renew a Planning, RAPID, or EAGER proposal, the proposal type must be 'Research.'

What type of proposal will be used? Proposal Types

- Research
- Planning PAPPG II.E.1
- Rapid Response Research (RAPID) PAPPG II.E.2
- Early-concept Grants for Exploratory Research (EAGER) PAPPG II.E.3
- Research Advanced by Interdisciplinary Science and Engineering (RAISE) PAPPG II.E.4
- Grant Opportunities for Academic Liaison with Industry (GOALI) PAPPG II.E.5
- Ideas Lab PAPPG II.E.6
- Facilitation Awards for Scientists and Engineers with Disabilities (FASED) PAPPG II.E.7
- Conference PAPPG II.E.9
- Equipment PAPPG II.E.10
- Travel PAPPG II.E.11
- Center
- Research Infrastructure
- Fellowship
- Small Business Innovation Research Program (SBIR)
- Small Business Technology Transfer Program (STTR)



Recent Enhancements: Full and Renewal Proposal Preparation

Full and Renewal Proposal Four-step Proposal Setup Wizard

Prepare New Full Proposal

1. Funding Opportunity | 2. Where to Apply | 3. Proposal Type | 4. Proposal Details

Select Funding Opportunity [Find Funding Opportunity Number](#)

Prepare New Renewal Proposal

1. Funding Opportunity | 2. Where to Apply | 3. Proposal Type | 4. Proposal Details

Select Funding Opportunity [Find Funding Opportunity Number](#)

Prepare New Accomplishment-Based Renewal

1. Funding Opportunity | 2. Where to Apply | 3. Proposal Type | 4. Proposal Details

Select Funding Opportunity [Find Funding Opportunity Number](#)

Select funding opportunities are not yet available in this system. If you do not see your funding opportunity, please check in [FastLane](#).

Show 10 | Filter by number or keyword | Showing 1-10 of 190 | < Prev 1 2 3 4 5 Next >

Select	Funding Opportunity Number	Funding Opportunity Title
<input type="radio"/>	NSF 20-1	Proposal & Award Policies & Procedures Guide - PAPPG

The proposal setup wizard changed from five steps to four steps for Full proposals on August 30 when submission type moved to the proposal preparation landing page



Recent Enhancements: Proposal Types

- New proposal types available August 30:
 - Conference
 - Ideas Lab
- New proposal types available October 4:
 - Grant Opportunities for Academic Liaison with Industry (GOALI)
 - Planning
- Associated automated compliance checks for each proposal type were also enabled

Research.gov Proposal Screenshot: Full Proposal Type Options

Prepare New Full Proposal

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Proposal Type 4. Proposal Details

Select Proposal Type

What type of proposal will be used? [Proposal Types](#)

Current Capabilities

- Research
- Planning [PAPPG II.E.1](#)
- Rapid Response Research (RAPID) [PAPPG II.E.2](#)
- Early-concept Grants for Exploratory Research (EAGER) [PAPPG II.E.3](#)
- Research Advanced by Interdisciplinary Science and Engineering (RAISE) [PAPPG II.E.4](#)
- Grant Opportunities for Academic Liaison with Industry (GOALI) [PAPPG II.E.5](#)
- Ideas Lab [PAPPG II.E.6](#)
- Facilitation Awards for Scientists and Engineers with Disabilities (FASED) [PAPPG II.E.7](#)
- Conference [PAPPG II.E.9](#)
- Equipment [PAPPG II.E.10](#)
- Travel [PAPPG II.E.11](#)

Future Capabilities

- Center
- Research Infrastructure
- Fellowship
- Small Business Innovation Research Program (SBIR)
- Small Business Technology Transfer Program (STTR)

Proposal Types Available Now

Note: All Proposal Types are listed in Research.gov but only those currently supported will be available for selection (i.e., unavailable selections are grayed out). View the [Research.gov Proposal Submission Capabilities](#) for details.

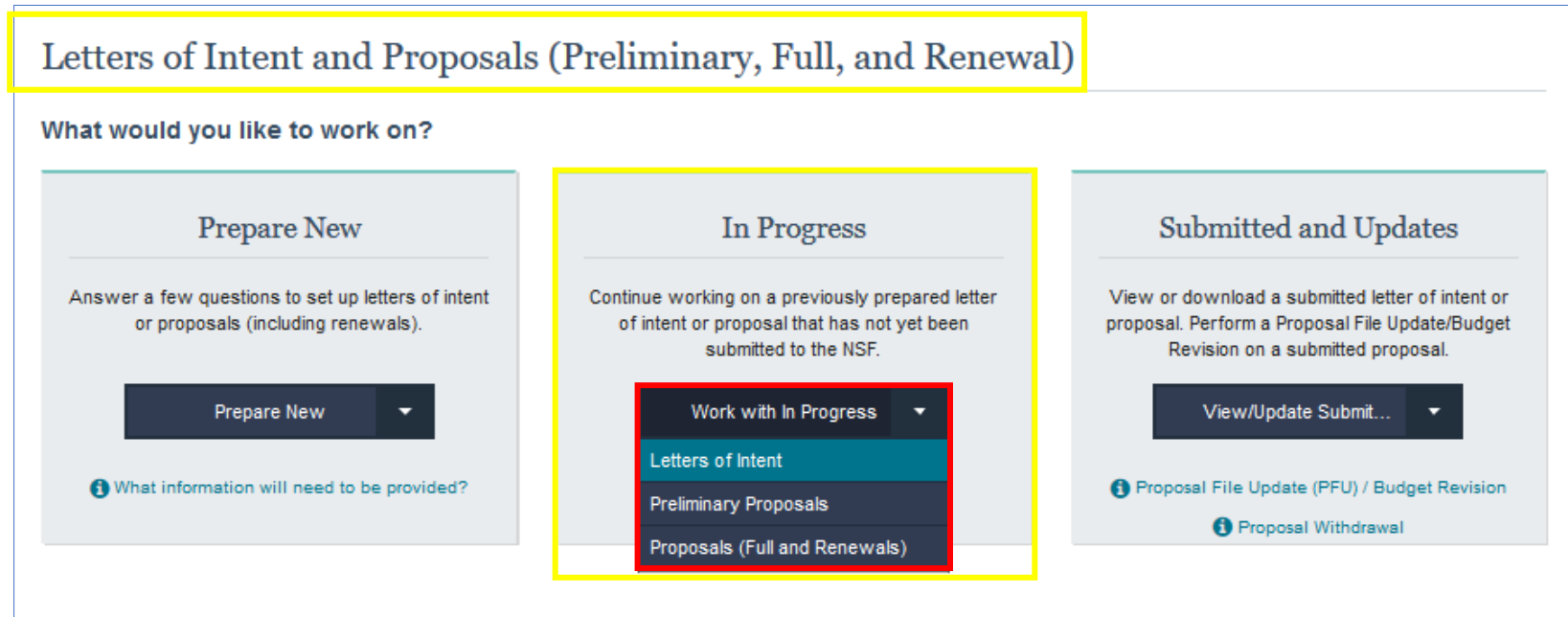
Note: Career-Life Balance (CLB) Supplemental Funding Requests has been added as a new proposal type in the PAPPG ([NSF 22-1](#)) and must be submitted by using the “Supplemental Funding Request” function in FastLane.



Recent Enhancements: Proposal Preparation Landing Page

- **In Progress** tile drop-down menu includes the following options as of October 4:
 - Letters of Intent
 - Preliminary Proposals*
 - Proposals (Full and Renewals)
- Users navigate to in progress LOIs and proposals using the drop-down menu to continue working on them

Updated Landing Page: "In Progress" Tile Drop-down Menu Options



The screenshot shows the 'Letters of Intent and Proposals (Preliminary, Full, and Renewal)' landing page. The main heading is 'What would you like to work on?'. There are three main tiles: 'Prepare New', 'In Progress', and 'Submitted and Updates'. The 'In Progress' tile is highlighted with a yellow border, and its drop-down menu is also highlighted with a red border. The drop-down menu options are: 'Letters of Intent', 'Preliminary Proposals', and 'Proposals (Full and Renewals)'. The 'Submitted and Updates' tile has a 'View/Update Submit...' button and a 'Proposal File Update (PFU) / Budget Revision' link. The 'Prepare New' tile has a 'Prepare New' button and a 'What information will need to be provided?' link.

*Preliminary proposals were only enabled for Ideas Lab on August 30. FastLane must be used to prepare preliminary proposals for other proposal types.



Recent Enhancements: Proposal Preparation Landing Page

- Submitted and Updates tile drop-down menu includes the following options as of October 4:

- Letters of Intent
- Preliminary Proposals*
- Proposals (Full and Renewals)

- Users navigate to submitted LOIs and proposals using the drop-down menu to view them or to perform a proposal file update/budget revision

Updated Landing Page: "Submitted and Updates" Tile Drop-down Menu Options

The screenshot shows the landing page with three main tiles: 'Prepare New', 'In Progress', and 'Submitted and Updates'. The 'Submitted and Updates' tile is highlighted with a yellow border. Its drop-down menu is open, showing three options: 'Letters of Intent', 'Preliminary Proposals', and 'Proposals (Full and Renewals)'. The 'Prepare New' tile has a 'Prepare New' button with a dropdown arrow. The 'In Progress' tile has a 'Work with In Progress' button with a dropdown arrow. The 'Submitted and Updates' tile has a 'View/Update Submit...' button with a dropdown arrow. Below the 'Submitted and Updates' tile, there is an information icon and the text 'What information will need to be provided?'.

*Preliminary proposals were only enabled for Ideas Lab on August 30. FastLane must be used to prepare preliminary proposals for other proposal types.



Biographical Sketch and Current and Pending Support



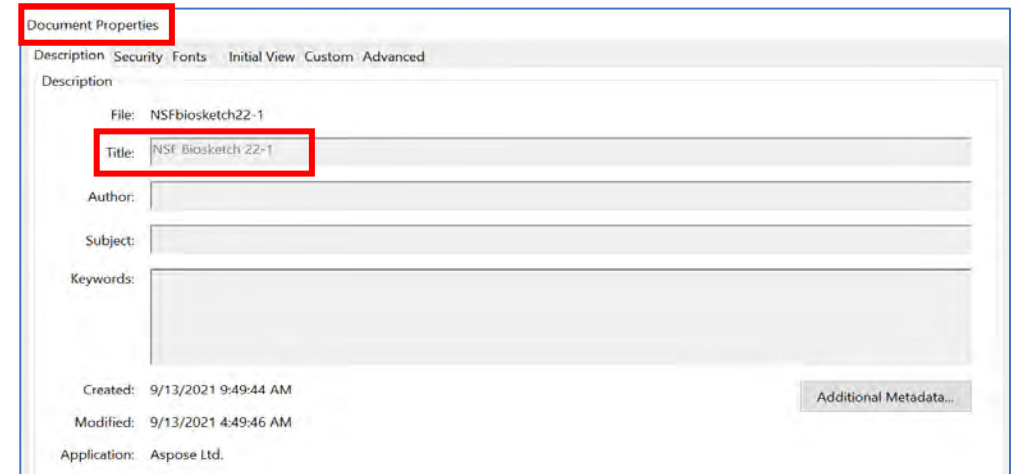
Updates to NSF-approved Biographical Sketch and Current and Pending Support Formats

- NSF-approved biographical sketch and current and pending support formats are available on the NSF [biographical sketch](#) and [current and pending support](#) websites
- The current version of the biographical sketch and current and pending support formats **must be used for proposals submitted or due on or after October 4, 2021**, in accordance with the PAPPG ([NSF 22-1](#))
- Biographical sketch format updates include increasing the page limit from two to three pages
- Current and pending support format updates include the addition of new sections for information on objectives and overlap with other projects to help NSF and reviewers assess overlap/duplication

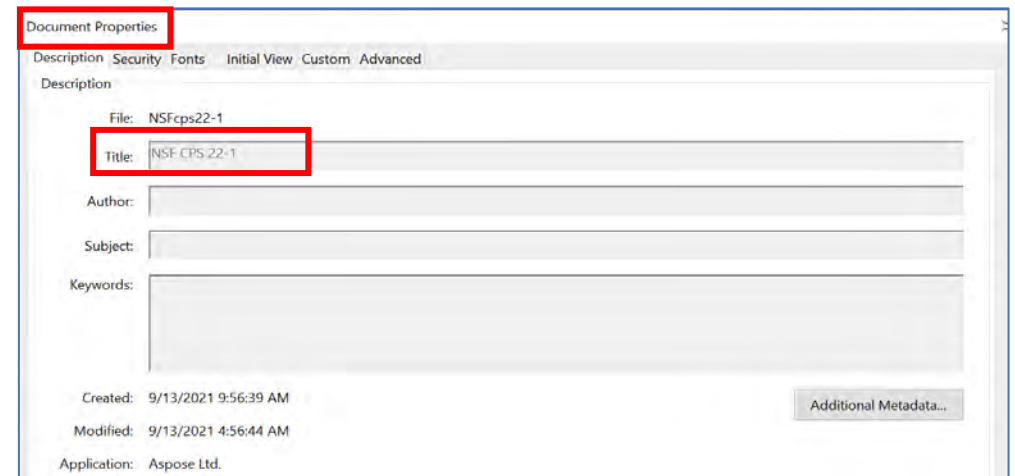


NSF-approved Format: SciENCv

- Research.gov, FastLane, and Grants.gov will ONLY accept the current versions as of October 4
- **Determining format version**
 - Right click anywhere in the SciENCv-generated PDF document and select Document Properties
 - The current versions have the titles "NSF Biosketch 22-1" and "NSF CPS 22-1"
 - The previous versions have the titles "NSF Biosketch 20-1" and "NSF CPS 20-1"
- SciENCv documents created using version 20-1 prior to October 4 are automatically converted in SciENCv to the updated 22-1 version after October 4



Document Properties screenshot: Biographical sketch



Document Properties screenshot: Current and pending support

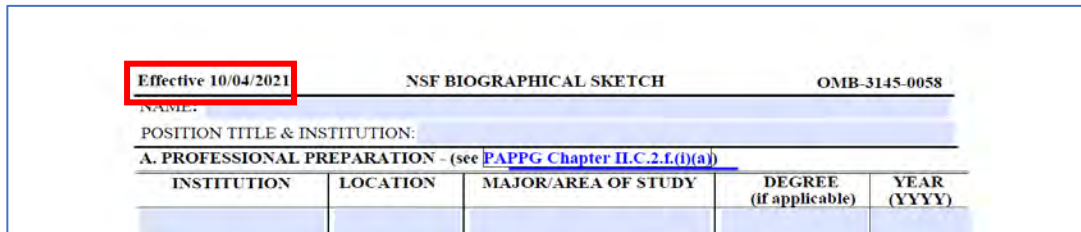


NSF-approved Format: NSF Fillable PDFs

Research.gov, FastLane, and Grants.gov will ONLY accept the current versions as of October 4

Current Version of Biographical Sketch:

- has the title "NSF Biosketch 22-1" in Document Properties (right click anywhere in the PDF document and select Document Properties)
- has "Effective 10/04/2021" in the title line on the first page
- may be up to three pages



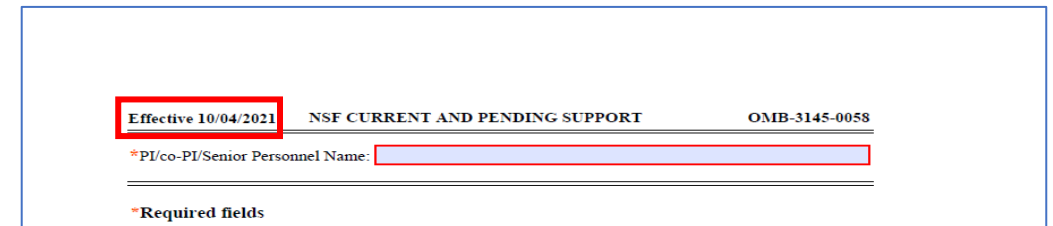
Top of fillable PDF: Updated biographical sketch

Previous Version of Biographical Sketch:

- has the title "NSF Biosketch 20-1" in Document Properties (right click anywhere in the PDF document and select Document Properties)
- has "Revised 05/01/2020" in the title line on the first page
- may be up to two pages

Current Version of Current and Pending Support:

- has the title "NSF CPS 22-1" in Document Properties (right click anywhere in the PDF document and select Document Properties)
- has "Effective 10/04/2021" in the title line on the first page
- is 27 pages



Top of fillable PDF: Updated current and pending support

Previous Version of Current and Pending Support:

- has the title "NSF CPS 20-1" in Document Properties (right click anywhere in the PDF document and select Document Properties)
- has "Revised 05/01/2020" in the title line on the first page
- is 15 pages



Trimming Functionality for Current and Pending Support Fillable PDF



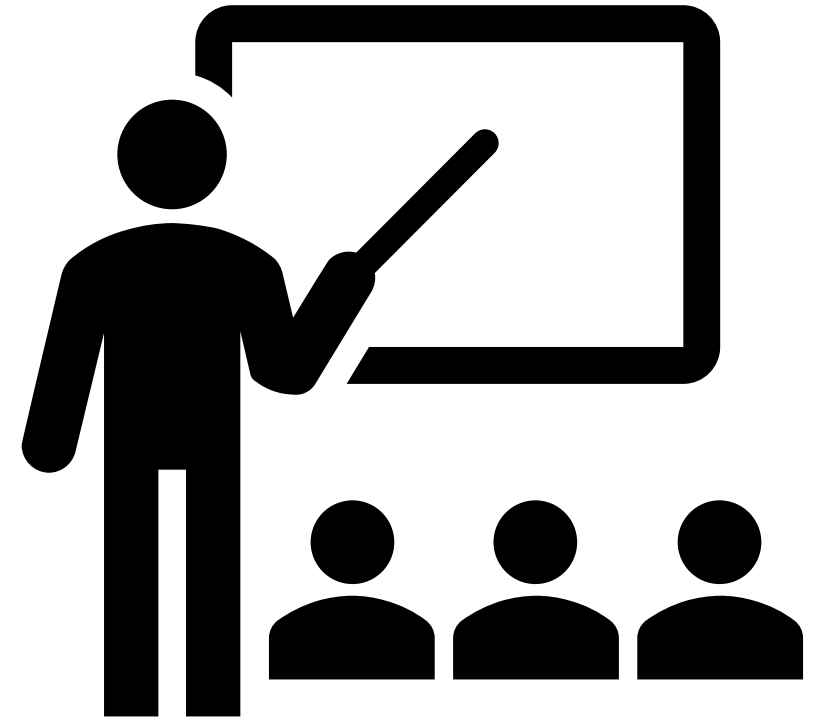
Current and Pending Support Fillable PDF Update: Trimming Functionality

- Trimming functionality was incorporated in FastLane and Grants.gov on August 30 and in Research.gov on October 4, to remove any blank pages (i.e., pages with no data entered by users) from the NSF-approved current and pending support fillable PDF
- Trimming service is triggered in FastLane and Research.gov at document upload and in Grants.gov at proposal submission
- Current and pending support documents submitted as part of annual and final project reports in the Research.gov Project Reporting System also will be trimmed of blank pages upon document upload
- Functionality **only** applies to the NSF-approved current and pending support fillable PDF and not to any other uploaded PDFs. Current and pending support PDFs generated in SciENCv do not include blank pages
- PDF page numbers will not be updated during the trimming process in the paginated current and pending support fillable PDF document, so it is possible for the trimmed PDF to have skipped page numbers corresponding to the blank pages removed



Research.gov Proposal Demo

- Setup Wizard
- Main Page
- Document Upload and Compliance Error/Warning Messages
- Budget
- Highlights of August enhancements, October enhancements, and PAPPG (NSF 22-1) related changes





Research.gov Proposal Preparation Demo Site and Training Resources



Research.gov Proposal Preparation Demo Site

- Demo site can be used to explore preparing proposals and to check compliance of uploaded proposal documents (e.g., Collaborators and Other Affiliations and Biographical Sketch)
- All demo site users are automatically given the PI role for demo site purposes, in order to perform the proposal preparation functions that a PI can do in the actual system. Proposal submission capability is disabled
- See the demo site FAQs on the Research.gov [About Proposal Preparation and Submission](#) page for information on demo site access and features

Research.gov Demo Site: Proposal Preparation Homepage

Proposal Preparation Demo Site

Research.gov
ONLINE GRANTS MANAGEMENT
FOR THE NSF COMMUNITY

DEMO

Demo user: Alan Alphanan, Principal Investigator (PI)
< Return to Research.gov

Proposal Preparation

What would you like to work on?

Prepare New Proposal

By answering a few questions, NSF will customize the process and compliance rules.

Prepare Proposal

What information will need to be provided?
Video: How to Initiate a Proposal

In Progress Proposals

Continue working on a previously prepared proposal, that has not yet been submitted to NSF.

Work on an In Progress Proposal

Submitted Proposals

View, download, or perform a Proposal File Update/Budget Revision on proposals that have previously been submitted to NSF.

View/Update Submitted Proposals



Research.gov Proposal Training Resources

Training resources on the Research.gov [About Proposal and Submission](#) page:

- FAQs by topic
- Links to video tutorials including [16-minute demo video](#) highlighting key proposal preparation features and preparing proposal file updates/budget revisions
- Link to [Automated Compliance Checking of NSF Proposals](#) page to view current Research.gov proposal compliance checks
- Links to topic-specific how-to guides (e.g., [Initiating a Proposal](#) and [Sharing Access with Sponsored Projects Office/Authorized Organizational Representative](#))

Research.gov About Proposal Preparation and Submission Page

About Proposal Preparation and Submission

The Research.gov Proposal Submission System modernizes proposal preparation and submission capabilities by improving the user experience while also reducing administrative burden through an intuitive interface and expanded automated proposal compliance checking. Research.gov is being developed incrementally, and features are expanding to support the transition of all proposal preparation and submission functionality from FastLane to Research.gov by December 31, 2022. Please see NSF [NSF Important Notice 147: Research.gov Implementation Update](#) issued September 22, 2020, for additional information. Grants.gov continues to be an option for the preparation and submission of most types of NSF proposals.

Access the [Research.gov Proposal Submission System](#)

Explore the [Research.gov Proposal Preparation Demo Site](#)

Why Prepare Proposals in Research.gov?

- Fast and easy Proposal Setup Wizard
- Quickly find funding opportunities, initiate a proposal, and give access to administrative staff
- Expanded compliance checking [View Research.gov compliance checks](#)
- Immediate compliance feedback upon proposal section upload
- PDF uploads are not altered
- Minimize Return without Reviews due to some formatting issues
- On-screen references to relevant sections of the *Proposal & Award Policies & Procedures Guide (PAPPG)*
- Better management of personnel and subawards
- Improved performance and less system downtime

Help NSF Build the New System and Influence the Future of Proposal Submission

NSF encourages the research community to use Research.gov for proposal preparation and submission. As NSF continues to enhance the new system, vital feedback from the community is being incorporated during the development process.

There are multiple ways to provide feedback and stay informed:

- Send feedback to NSF via Research.gov's [Feedback page](#)
- Participate in an [NSF Electronic Research Administration \(ERA\) Forum](#)
- Join our listserv! Sign up to receive Research.gov updates by sending a blank email to system_updates-subscribe-request@listserv.nsf.gov

When to Use Research.gov

Prepare your proposal in Research.gov if:


- 1 You are preparing a proposal in response to a Program Description
- 2 Your Program Solicitation specifies submission via Research.gov is available or required
- 3 Your proposal is a full proposal, renewal, or accomplishment-based renewal, OR
- 4 Your proposal is one of the following types:
 - Research
 - RAPID
 - EAGER
 - RAISE
 - FASED
 - Equipment
 - Travel
 - Conference
 - Ideas Lab Preliminary Proposals

Both single submission and collaborative proposals are supported. View all supported features on the Proposal Submission Capabilities page.

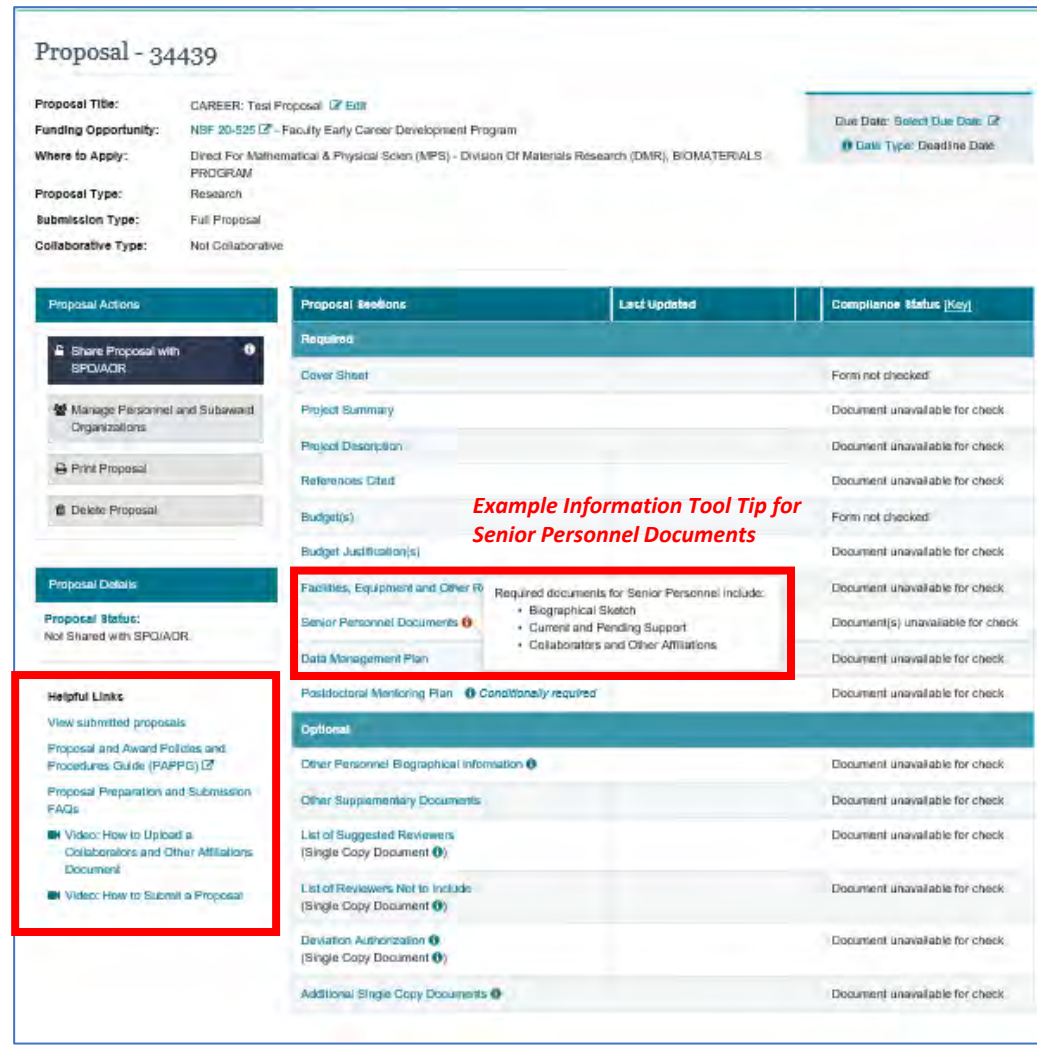


Research.gov Proposal Training Resources (cont'd)

Inline help features are available to proposers throughout the Research.gov proposal system and the proposal preparation demo site:

- Information tool tips indicated by the blue information icon: 
- Links to the PAPPG
- Links to FAQs
- Links to video tutorials

Proposal Main Page Example



Proposal - 34439

Proposal Title: CAREER: Test Proposal [Exit](#)

Funding Opportunity: NBF 20-525 [Exit](#) - Faculty Early Career Development Program

Where to Apply: Direct For Mathematical & Physical Sciences (MPS) - Division Of Materials Research (DMR), BIOMATERIALS PROGRAM











Proposal Type: Research

Submission Type: Full Proposal

Collaborative Type: Not Collaborative

Due Date: Select Due Date: [Exit](#)

Date Type: Deadline Date

Proposal Actions	Proposal Sections	Last Updated	Compliance Status [Key]
<ul style="list-style-type: none"> Share Proposal with SPQIAOR  Manage Personnel and Subaward Organizations Print Proposal Delete Proposal 	<p>Required</p> <p>Cover Sheet: Form not checked</p> <p>Project Summary: Document unavailable for check</p> <p>Project Description: Document unavailable for check</p> <p>References Cited: Document unavailable for check</p> <p>Budget(s): Form not checked</p> <p>Budget Justification(s): Document unavailable for check</p> <p>Facilities, Equipment and Other : Required documents for Senior Personnel include: <ul style="list-style-type: none"> Biographical Sketch Current and Pending Support Collaborators and Other Affiliations </p> <p>Senior Personnel Documents : Document(s) unavailable for check</p> <p>Data Management Plan: Document unavailable for check</p> <p>Postdoctoral Mentoring Plan  Conditionally required: Document unavailable for check</p> <p>Optional</p> <p>Other Personnel Biographical Information : Document unavailable for check</p> <p>Other Supplementary Documents: Document unavailable for check</p> <p>List of Suggested Reviewers (Single Copy Document ): Document unavailable for check</p> <p>List of Reviewers Not to Include (Single Copy Document ): Document unavailable for check</p> <p>Deviation Authorization  (Single Copy Document ): Document unavailable for check</p> <p>Additional Single Copy Documents : Document unavailable for check</p>		

Helpful Links

- View submitted proposals
- Proposal and Award Policies and Procedures Guide (PAPPG) [Exit](#)
- Proposal Preparation and Submission FAQs
- Video: How to Upload a Collaborators and Other Affiliations Document
- Video: How to Submit a Proposal

Example Information Tool Tip for Senior Personnel Documents



Information Resources

- NSF System Updates listserv to receive the latest Research.gov system enhancement information and FastLane news. Sign up by sending a blank email to: system_updates-subscribe-request@listserv.nsf.gov
- [Automated Compliance Checking of NSF Proposals](#) page
- Research.gov [About Proposal Preparation and Submission](#) page (*new information is being added on an ongoing basis, so please check back frequently....*)
- Research.gov [About Account Management](#) page
- [NSF Electronic Research Administration \(ERA\) Forum](#) page
- NSF ERA Forum listserv to receive updates on ERA Forum activities. Sign up by sending a blank email to: NSF-ERA-FORUM-subscribe-request@listserv.nsf.gov



Contacts for Questions

- For program-specific questions, please contact the cognizant NSF Program Officer
- For IT system-related questions or technical questions, please contact the NSF Help Desk at 1-800-381-1532 (7:00 AM - 9:00 PM ET; Monday - Friday except federal holidays) or via rgov@nsf.gov
- Policy-related questions should be directed to policy@nsf.gov





Thank you for your participation today!



Appendix



Research.gov Proposal Compliance Error and Warning Messages

- Automated proposal compliance checks triggering an error message will **prohibit** proposal submission to NSF, whereas checks triggering a warning message will still allow proposal submission
- Proposers receiving a compliance error or warning message should check the [Automated Compliance Checking of NSF Proposals](#) page and the solicitation for specific proposal requirements
- Proposers should also review the topic-specific FAQs on the Research.gov [About Proposal Preparation and Submission](#) page
 - *Uploading Documents* topic includes margin and line spacing FAQs
 - *Proposal Sections* topic includes Cover Sheet and budget FAQs
- **Reminder:** Effective November 2020, the compliance checks and associated compliance warnings for font type and font size were removed in Research.gov to align with FastLane and NSF policy



Research.gov Proposal Preparation Demo Site Tips

- Demo site FAQs are available on the Research.gov [About Proposal Preparation and Submission](#) page via the left navigation menu. How-to guides with step-by-step instructions and screenshots are also available
- The demo site is available both to the research community and to NSF staff
- An orange "Proposal Preparation Demo Site" banner is at the top of each demo site page to indicate the user is on the demo site
- The demo site allows users to prepare and edit proposals before preparing them in the actual Research.gov site
- Demo site proposals are not visible or available in the actual Research.gov Proposal Submission System, and data cannot be transferred between the demo site and the actual proposal system
- All proposal and submission types available in the actual system are also available in the demo site. As proposal and submission types are added to the Research.gov Proposal Submission System, they will also be added to the demo site
- All compliance checks enabled in the actual Research.gov Proposal Submission System are also in the demo site. Proposers can use the demo site as a resource to check document compliance before uploading them in the actual system



Research.gov Proposal Preparation Demo Site Tips (cont'd)

- Proposals created in the demo site will be available for six months and then will be deleted by NSF. Neither NSF nor users will be able to access deleted demo proposal data
- Demo site does not support proposal submission and will not trigger any system-generated email notifications (e.g., link requests for separately submitted collaborative proposals)
- The organization that you are affiliated with in your NSF account profile will be incorporated when you are in the proposal preparation demo site, but the user role(s) that you have will not be available in the demo site
 - All users who access the demo site will be given the role of PI and the mock organization “National Science Foundation”
 - This means that users from the research community will have the organization(s) they are affiliated with in their NSF account profile plus the “National Science Foundation” mock organization as available organizations in the demo site
- The only time other users will be able to view and/or edit any proposals that you create in the demo site is if you add them to the proposal as a co-PI or OAU. If you don't add any users to the proposal, no one else will be able to access, view, or edit your demo proposal



Learn how to deposit publications in the NSF Public Access Repository (NSF-PAR).
We'll walk you through the process in this short video!

Watch Tutorial Video

Prepare & Submit Proposals
Prepare, submit and check status of proposals

- Prepare new or existing proposals
- Check Proposal Status

FASTLANE PROPOSAL FUNCTIONS

- Additional proposal functions

Proposal/Panel Review
Review proposals, participate in panels

FASTLANE PROPOSAL REVIEW

- Proposal Review

FASTLANE PANEL REVIEW

- Panelist Functions

Awards & Reporting
Submit project reports, notifications & requests

- Project Reports
- Deposit Public Access Publication
- Example Project Reports (Demo site)
- Notifications & Requests

FASTLANE AWARD FUNCTIONS

- Additional award functions

Fellowships & Honorary Awards
Nominate colleagues, apply for awards

- Graduate Research Fellowship Program (GRFP)
- Postdoctoral Fellowships and Other Programs
- Honorary Awards

Manage Financials
View balances and submit cash requests

- Submit or manage payment transactions
- More about ACMS
- Program Income Reporting

Administration
Manage your account and user roles

- User Management

FASTLANE ORGANIZATION MANAGEMENT

- Research Administration

NSF Award Highlights

- Explore Scholarly or Public Access Rep
- Search awards

About Services

- Account Management
- Award Cash Management Service (ACMS)
- Notifications & Requests
- Project Reports
- Proposal Status
- Public Access

NSF Award Highlights

- Research Spending & Results

Contact

- Contact Help Desk

News & Discoveries

- News
- Discoveries
- Multimedia Gallery

Funding & Awards

- Recently Announced Funding Opportunities
- Upcoming Funding Opportunities
- A-Z Index of Funding Opportunities
- Find Funding
- Award Search
- Proposal Search

Feedback

Providing Research.gov Proposal Feedback

Why?

- Influence the future of proposal submission
- Help NSF continue to build Research.gov

How?

- Feedback may be submitted on the Research.gov [Feedback page](#)
 - Select "Proposal Preparation & Submission" under the Site Area dropdown menu to provide feedback on the Research.gov Proposal Submission System
 - Select "Proposal Preparation Demo Site" under the Site Area dropdown menu to provide feedback on the demo site



Appendix: Research.gov Demo Screenshots



Appendix: Research.gov Letter of Intent Demo Screenshots



Demo: Letter of Intent

Attention: Research.gov now supports preparation and submission of many proposal types including Preliminary (Ideas Lab only) and Renewal. View the [Research.gov Proposal Submission Capabilities](#) for details.

Letters of Intent and Proposals (Preliminary, Full, and Renewal)

What would you like to work on?

Prepare New

Answer a few questions to set up letters of intent or proposals (including renewals).

Prepare New

- Letter of Intent
- Preliminary Proposal
- Full Proposal
- Renewal Proposal
- Accomplishment-Based Renewal

In Progress

Continue working on a previously prepared letter of intent or proposal that has not yet been submitted to the NSF.

Work with In Progress

Submitted and Updates

View or download a submitted letter of intent or proposal. Perform a Proposal File Update/Budget Revision on a submitted proposal.

View/Update Submitted

- Proposal File Update (PFU) / Budget Revision
- Proposal Withdrawal

• PI, SPO, or AOR chooses Letter of Intent from the Prepare New tile on the proposal preparation landing page to initiate a new letter of intent



Demo: Letter of Intent Setup Wizard

• Indicator shows required three-step letter of intent setup process

• Only the funding opportunities requiring or accepting letters of intent display and will be available to select

Attention: Research.gov now supports preparation and submission of many proposal types including Preliminary (Ideas Lab only) and Renewal. View the [Research.gov Proposal Submission Capabilities](#) for details.

My Desktop > Letters of Intent and Proposals > Prepare New Letter of Intent

Prepare New Letter of Intent

1. Funding Opportunity 2. Where to Apply 3. Letter of Intent Title

Select Funding Opportunity [Find Funding Opportunity Number](#)

Select funding opportunities are not yet available in this system. If you do not see your funding opportunity, please check in [FastLane](#).

Show All Showing 1-7 of 7 << < Prev 1 Next > >>

Select	Funding Opportunity Number	Funding Opportunity Title	Letter of Intent Due Date
<input type="radio"/>	NSF 21-591	Computer and Information Science and Engineering (CISE) Research Initiation Initiative - test	09/22/2021
<input type="radio"/>	NSF 20-610	CISE Community Research Infrastructure	12/14/2021
<input type="radio"/>	NSF 20-569	Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)	10/04/2021
<input type="radio"/>	NSF 20-567	Coastlines and People	09/28/2021
<input type="radio"/>	NSF 20-559	Historically Black Colleges and Universities Undergraduate Program	07/26/2022
<input type="radio"/>	NSF 20-554	ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions	08/01/2022
<input type="radio"/>	NSF 18-509	Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)	12/03/2021

Show All Showing 1-7 of 7 << < Prev 1 Next > >>



Demo: Letter of Intent Setup Wizard

• Indicator shows required three-step letter of intent setup process

• Only the funding opportunities requiring or accepting letters of intent display and will be available to select

Attention: Research.gov now supports preparation and submission of many proposal types including Preliminary (Ideas Lab only) and Renewal. View the [Research.gov Proposal Submission Capabilities](#) for details.

My Desktop > Letters of Intent and Proposals > Prepare New Letter of Intent

Prepare New Letter of Intent

1. Funding Opportunity 2. Where to Apply 3. Letter of Intent Title

Select Funding Opportunity [Find Funding Opportunity Number](#)

Select funding opportunities are not yet available in this system. If you do not see your funding opportunity, please check in [FastLane](#).

Show All Filter by number or keyword Showing 1-7 of 7 < Prev 1 Next >

Select	Funding Opportunity Number	Funding Opportunity Title	Letter of Intent Due Date
<input type="radio"/>	NSF 21-591	Computer and Information Science and Engineering (CISE) Research Initiation Initiative - test	09/22/2021
<input type="radio"/>	NSF 20-610	CISE Community Research Infrastructure	12/14/2021
<input type="radio"/>	NSF 20-569	Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)	10/04/2021
<input type="radio"/>	NSF 20-567	Coastlines and People	09/28/2021
<input type="radio"/>	NSF 20-559	Historically Black Colleges and Universities Undergraduate Program	07/26/2022
<input type="radio"/>	NSF 20-554	ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions	08/01/2022
<input type="radio"/>	NSF 18-509	Centers of Research Excellence in Science and Technology (CREST) and HBCU Research Infrastructure for Science and Engineering (RISE)	12/03/2021

Show All Showing 1-7 of 7 < Prev 1 Next >



Demo: Letter of Intent Setup Wizard

- If funding opportunity has multiple NSF organizations associated with it, the PI/SPO/AOR can choose the primary, secondary and tertiary organizations from a drop-down list
- The secondary and tertiary organization fields are optional; the primary organization must be selected to proceed

Attention: Research.gov now supports preparation and submission of many proposal types including Preliminary (Ideas Lab only) and Renewal. View the [Research.gov Proposal Submission Capabilities](#) for details.

My Desktop > Letters of Intent and Proposals > Prepare New Letter of Intent

Prepare New Letter of Intent

1. Funding Opportunity ✓ 2. Where to Apply 3. Letter of Intent Title

Select Where to Apply

You must select one primary organization and can select up to two optional organizations. After making your selection(s), click 'Next' to continue.

Funding Opportunity
NSF 20-610 - CISE Community Research Infrastructure

Primary Organization
Select Primary Organization ▼

Secondary Organization (Optional)
Select Primary Organization first ▼

Tertiary Organization (Optional)
Select Secondary Organization first ▼

Previous Next



Demo: Letter of Intent Setup Wizard

Attention: Research.gov now supports preparation and submission of many proposal types including Preliminary (Ideas Lab only) and Renewal. View the [Research.gov Proposal Submission Capabilities](#) for details.

My Desktop > Letters of Intent and Proposals > Prepare New Letter of Intent

Prepare New Letter of Intent

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Letter of Intent Title ✓

Enter Letter of Intent Title

Letter of Intent Title

 25 of 180 characters

• After entering the title, the Prepare Letter of Intent button is enabled



Demo: Letter of Intent Main Page

Attention: Research.gov now supports preparation and submission of many proposal types. For more information, visit [Research.gov Proposal Submission Capabilities](#) for details.

My Desktop > Letters of Intent and Proposals > In Progress: Letters of Intent > Letter of Intent - 1038

Letter of Intent - 1038

Letter of Intent Title: NSF Test Letter of Intent [Edit](#)

Funding Opportunity: [NSF 20-610](#) - CISE Community Research Infrastructure

Where to Apply: Division of Computing and Communication (CCF)

Submission Type: Letter of Intent

PI Organization: Virginia Commonwealth University

Due Date: 12/14/2021
Date Type: Deadline

Letter of Intent Sections	Last Updated	Compliance Status [Key]
Required		
Project Synopsis		Document unavailable for check
Organization and Project Information		Form not checked
Optional		
Other Comments		Form not checked

Letter of Intent Actions

- Share Letter of Intent with SPO/AOR
- Initiate Letter of Intent Submission
- Manage Senior Personnel
- Manage Participating Organizations
- Print Letter of Intent
- Delete Letter of Intent

Letter of Intent Details

Letter of Intent Status: Saved

Helpful Links

- [View submitted letters of intent](#)
- [Proposal and Award Policies and Procedures Guide \(PAPPG\)](#)
- [Letter of Intent FAQs](#)

• Inline edit of the title

• Quick view and access to the letter of intent due date

• Required and optional sections are driven dynamically based on the funding opportunity selected



Appendix: Research.gov Full Proposal Demo Screenshots



Demo: Proposal Setup Wizard

• Indicator shows required proposal setup process steps that address current frustrations with the FastLane Cover Sheet module

My Desktop > Proposals > Prepare New Full Proposal

Prepare New Full Proposal

1. Funding Opportunity ✓ 2. Where to Apply ✓ **3. Proposal Type** 4. Proposal Details

Select Proposal Type

What type of proposal will be used? ⓘ Proposal Types

- Research
- Rapid Response Research (RAPID) [PAPPG II.E.1](#)
- Early-concept Grants for Exploratory Research (EAGER) [PAPPG II.E.2](#)
- Research Advanced by Interdisciplinary Science and Engineering (RAISE) [PAPPG II.E.3](#)
- Grant Opportunities for Academic Liaison with Industry (GOALI) [PAPPG II.E.4](#)
- Ideas Lab [PAPPG II.E.5](#)
- Facilitation Awards for Scientists and Engineers with Disabilities (FASED) [PAPPG II.E.6](#)
- Conference [PAPPG II.E.7](#)
- Equipment [PAPPG II.E.8](#)
- Travel [PAPPG II.E.9](#)
- Center
- Research Infrastructure
- Fellowship
- Planning
- Small Business Innovation Research Program (SBIR)
- Small Business Technology Transfer Program (STTR)

Previous Next

• User chooses the applicable proposal type

• The choices shown here will be customized to the funding opportunity



Demo: Proposal Main Page

Proposal Title: Demo Proposal
Funding Opportunity: NSF 17-559 - Innovation Corps - National Innovation Network Teams Program (I-Corps™ Teams)
Where to Apply: Directorate For Engineering (ENG) - Div Of Industrial Innovation & Partnersh (IIP), I-Corps
Proposal Type: Research
Submission Type: Full Proposal

Proposal Deadline Date
 Accepted Anytime

Proposal Actions	Proposal Sections	Last Updated	Compliance Status
<ul style="list-style-type: none"> Proposal Access for SPO/AOR Print Proposal Delete Proposal 	Required		
	Cover Sheet	10/18/2017 10:20 AM EDT	Not checked
	Project Summary		Not checked
	Project Description		Not checked
	References Cited		Not checked
	Data Management Plan		Not checked
	Postdoctoral Mentoring Plan <i>Conditionally required</i>		Not checked
	Senior Personnel Documents		Not checked
	Facilities, Equipment and Other Resources		Not checked
	Budget(s)	10/18/2017 10:20 AM EDT	Not checked
	Budget Justification(s)		Not checked
	Optional		
	Other Personnel Biographical Information		Not checked
	List of Suggested Reviewers		Not checked
			Not checked

• Inline edit of the title

• Quick view and access to the due date of the proposal

• Conditionally required sections become required after corresponding data is input

• Required and optional sections are driven dynamically based on the funding opportunity selected

• Add and Remove Co-PIs, Senior Personnel, and OAU
 • Quick access to link collaborative proposals

Personnel Access
 Your role(s):
 Authorized Organizational Representative (AOR), Sponsored Program Officer (SPO), Principal Investigator (PI)
 Manage Personnel

Collaborative Status
 Lead proposal
 Link(s): Not linked
 Link Collaborative Proposals



Demo: Document Upload and Compliance Error/Warning Messages

My Desktop Prepare & Submit Proposals Awards & Reporting Manage Fin

Hide Menu Proposal - 2212 Required Cover Sheet Project Summary Project Description References Cited Data Management Plan Postdoctoral Mentoring Plan Senior Personnel Documents Facilities, Equipment & Other Resources Collaboration Plan Management Plan Budgets Budget Justification Deviation Authorization Optional

My Desktop > Proposal Preparation > Proposal - 2212 > Project Summary

Project Summary

❗ Your file contains an unallowable font type. Please update your file and try uploading it again. ❌

❗ Your file does not include the required document section heading of Broader Impacts. Please update your file and try uploading it again. ❌

❗ Your file contains a left document margin that is less than one inch. Please update your file and try uploading it again. ❌

Instructions to upload Project Summary:

- Only 1 document can be uploaded
- Accepted file types include: Adobe PDF
- Your file must include three separately labeled sections: Overview, Intellectual
- Text cannot exceed 1 page - Proposal margin and spacing requirements (PA
- Max file size permitted is 10MB

Browse for file to upload Browse ...

Preview/Print

• Immediate feedback on compliance of all documents that are uploaded to the system

• Documents are inspected to ensure machine-readable text for analysis

• Documents are stored on cloud-hosted storage to ensure availability of proposals and scalability for future proposals



Demo: Separately Submitted Collaborative Proposals

My Desktop > Proposals > Prepare New Full Proposal

Prepare New Full Proposal

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Proposal Type ✓ 4. Proposal Details ✓

Proposal Details

What type of proposal are you submitting?

Single proposal (with or without [subawards](#))

Separately submitted collaborative proposal [?](#)

What is your role on this project? [How to link proposals](#)

Lead proposer [Details](#)

Non-lead proposer

Proposal Title

Collaborative Research: This is the Lead Proposal Title. It will be reflected on all non-leads. | [?](#)

98 of 180 characters

[Previous](#) [Prepare Proposal](#)

• Collaborative Research will be pre-fixed to the title



Demo: Separately Submitted Collaborative Proposals - Linking

My Desktop > Proposal Preparation > Proposal - 15080

Proposal - 15080

Proposal Title: Collaborative Research: This is the Lead Proposal Title. It will be reflected on all non-leads

Funding Opportunity: NSF 19-1 - Proposal & Award Policies & Procedures Guide - PAPPG

Where to Apply: Office Of The Director (OID) - EPSCoR Section (OIA), Gen Admin Cost-AOAM-OIG-NSB

Proposal Type: Research

Submission Type: Full Proposal

Collaborative Type: Separately submitted by multiple organizations (Lead proposal)

Due Date: Accepted Anytime

Collaborative Research will be pre-fixed to the title

1

2

Link Collaborative Proposals

Enter the Temporary ID Number of the non-lead proposal you want to link to:

Temporary ID Number

3

You have successfully invited Proposal - 15081 to link their proposal and accepts the link.

Collaborative Proposals

Temporary ID Number	Principal Investigator	Organization	Proposal Status	Actions
Link request pending: 15081	Sally Subawardco-PI	Mainstream Engineering Corporation		Cancel Link Request



Demo: Separately Submitted Collaborative Proposals - Non-lead

Proposal - 15081

Upon acceptance of the link request by the non-lead proposal, this proposal will inherit the following information from the lead proposal: Proposal Title, Funding Opportunity, Where to Apply, Proposal Type, Submission Type and Due Date. Give the lead organization your proposal's Temporary ID Number - 15081 so the lead organization can send you an online proposal link request.

Proposal Title: Collaborative Research: This title will be replaced by Lead title
Funding Opportunity: NSF 20-520 - EarthCube
Where to Apply: Directorate For Geosciences (GEO) - ICER (ICER), EarthCube
Proposal Type: Research
Submission Type: Full Proposal
Collaborative Type: Separately submitted by multiple organizations (Non-lead proposal)

Due Date: Inherited from the Lead Proposal
Date Types

Proposal Sections	Last Updated	Compliance Status [Key]
Required		
Cover Sheet		Form not checked
Budget(s)		Form not checked
Budget Justification(s)		Document unavailable for check
Facilities, Equipment and Other Resources		Document unavailable for check
Senior Personnel Documents		Document(s) unavailable for check
Optional		
Other Personnel Biographical Information		Document unavailable for check
Other Supplementary Documents		Document unavailable for check
List of Suggested Reviewers (Single-copy document)		Document unavailable for check
List of Reviewers Not to Include (Single-copy document)		Document unavailable for check

Provide the lead organization with the temp prop ID

Fewer required sections



Demo: Separately Submitted Collaborative Proposals - Non-lead

My Desktop > Proposal Preparation > In Progress Proposals

In Progress Proposals

One or more requests to collaborate need attention. Please view the proposal(s) to accept or reject the link request(s).

Temporary ID Number	Proposal Title	PI Name	Due Date
Link request pending: 15081	Collaborative Research: This title will be replaced by Lead title	Subawardco-Pi, Sally	Date inherited from the Lead Proposal
13378	Wednesday, January 29	Pi, Paula	02/11/2020
13383	Working Group Demo 1302020	Pi, Paula	02/11/2020
14340	Merit Review Test	Pi, Paula	Accepted Anytime
13353	Testing Demo 1-16-2020 Change 2	Pi, Paula	Accepted Anytime

Link requests are automatically at the top

Once link is accepted, non-lead cannot unlink. Must contact the lead

Link Collaborative Proposals Request

The following proposal is requesting to link to your proposal 15081:

Temporary ID Number: 15080
Proposal Title: Collaborative Research: This is the Lead Proposal Title. It will be reflected on all non-leads
Principal Investigator: Paula Pi
Organization: Cornell University



Demo: Separately Submitted Collaborative Proposals - Non-lead

My Desktop > Proposal Preparation > Proposal - 15081

Proposal - [redacted]

✔ You have successfully linked to Proposal - 15080. Additional details can be viewed from [Link/View Collaborative Proposals](#).

Proposal Title: Collaborative Research; This is the Lead Proposal Title. It will be reflected on all non-leads

Funding Opportunity: [NSF 19-1](#) - Proposal & Award Policies & Procedures Guide - PAPPG

Where to Apply: Office Of The Director (O/D) - EPSCoR Section (OIA), Gen Admin Cost-AOAM-OIG-NSB

Proposal Type: Research

Submission Type: Full Proposal

Collaborative Type: Separately submitted by multiple organizations (Non-lead proposal)

Due Date: Accepted Anytime
[Date Types](#)

Proposal Actions	Proposal Sections	Last Updated	Compliance Status [Key]
<ul style="list-style-type: none"> Share Proposal with SPO/AOR Manage Personnel and Subaward Organizations Link/View Collaborative Proposals Print Proposal Delete Proposal 	Required		
	Cover Sheet		Form not checked
	Budget(s)		Form not checked
	Budget Justification(s)		Document unavailable for check
	Facilities, Equipment and Other Resources		Document unavailable for check
	Senior Personnel Documents i		Document(s) unavailable for check
	Optional		
	Other Personnel Biographical Information i		Document unavailable for check
	Other Supplementary Documents		Document unavailable for check
	List of Suggested Reviewers (Single-copy document i)		Document unavailable for check

Proposal Details

Proposal Status: Not Shared with SPO/AOR

Once linked, non-lead will inherit Title, Funding Opportunity, Where to Apply (units of consideration), Proposal Type, Submission Type, and Due Date



Demo: Senior Personnel Documents

My Desktop
Prepare & Submit Proposals
Awards & Reporting
Manage Financials
Administration

Attention: Research.gov's new proposal preparation system is now available for preparing and submitting **full research non-collaborative proposals** and **collaborative proposals with subawards** (Other system capabilities). If you do not see an in progress proposal, have a PI at your organization create a proposal and grant the SPO/AOR access. Proposals prepared in FastLane will continue to be available from FastLane.

Hide Menu

Proposal - 4832

Manage Organizations and Personnel

Required

Cover Sheet

Project Summary

Project Description

References Cited

Justification(s)

Facilities, Equipment and Other Resources

Senior Personnel Documents

Data Management Plan

Optional

Other Personnel Biographical Information

My Desktop > Proposal Preparation > Proposal - 4832 > Senior Personnel Documents

Senior Personnel Documents

Personnel Documents

Show:

Expand all | Collapse all

Personnel Name	Role	Organization (Prime/Subaward)												
PI Test	Principal Investigator	Cornell University (Prime)												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #00728f; color: white;"> <th>Documents</th> <th>Last Updated</th> <th>Compliance Status [Key]</th> </tr> </thead> <tbody> <tr> <td>Biographical Sketch</td> <td></td> <td>Document unavailable for check</td> </tr> <tr> <td>Current and Pending Support</td> <td></td> <td>Document unavailable for check</td> </tr> <tr> <td>Collaborators and Other Affiliations (Single-copy document ⓘ)</td> <td></td> <td>Document unavailable for check</td> </tr> </tbody> </table>			Documents	Last Updated	Compliance Status [Key]	Biographical Sketch		Document unavailable for check	Current and Pending Support		Document unavailable for check	Collaborators and Other Affiliations (Single-copy document ⓘ)		Document unavailable for check
Documents	Last Updated	Compliance Status [Key]												
Biographical Sketch		Document unavailable for check												
Current and Pending Support		Document unavailable for check												
Collaborators and Other Affiliations (Single-copy document ⓘ)		Document unavailable for check												
Co-Pi Prime Test	co-Principal Investigator	Cornell University (Prime)												
Co-Pi Subaward Test	co-Principal Investigator	Mainstream Engineering Corporation (Subaward)												

• Subaward Sr Personnel

• All documents required for senior personnel are consolidated on one screen



Demo: Budget

My Desktop > Proposal Preparation > Proposal - 4832 > Budget(s)

Budget(s)

Manage Organizations and Personnel

Prime Organization

Budget for:	Principal Investigator	Total Requested Amount ⓘ	Compliance Status [Key]
Cornell University	Pi Test	\$22,105	Not yet available

Subaward Organization(s)

Budget for:	Subaward Requested Amount	Compliance Status [Key]
Mainstream Engineering Corporation	\$100	Not yet available

• Subaward organization budget listed here



Demo: Budget

My Desktop > Proposal Preparation > Proposal - 51 > Budget(s)

Budget(s)

For Virginia Polytechnic Institute and State University ⓘ

\$161,200
 Total Requested Amount

ⓘ More years have been added than can fit in the table. Click the arrows in the table headers or total rows to view the remaining years. Total funds requested will continue to show the total for all years in the budget. To view additional years simultaneously, you may hide the page's left navigation menu. ×

Expand all rows | Collapse all rows Years in budget: 2 **Add Year** **Delete Year**

Section	Year 1		Year 2		Total Funds Requested	
	# Personnel	Months	Funds	# Personnel		Months
A. Senior Personnel [Manage]	1	1.00	\$70,000	1	1.00	
Ricky I Researcher (PI)	<input type="text" value="1"/>		\$ <input type="text" value="70,000"/>	<input type="text" value="1"/>		
B. Other Personnel ⓘ	11		\$10,100	11		
Postdoctoral Scholars ⓘ	<input type="text" value="1"/>	<input type="text" value="12"/>	\$ <input type="text" value="10,000"/>	<input type="text" value="1"/>	<input type="text" value="12"/>	
Other Professionals	<input type="text" value="0"/>	<input type="text" value="0.00"/>	\$ <input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0.00"/>	\$ <input type="text" value="0"/>
Graduate Students	<input type="text" value="10"/>		\$ <input type="text" value="100"/>	<input type="text" value="10"/>		\$ <input type="text" value="100"/>
Undergraduate Students	<input type="text" value="0"/>		\$ <input type="text" value="0"/>	<input type="text" value="0"/>		\$ <input type="text" value="0"/>
Administrative/Clerical	<input type="text" value="0"/>		\$ <input type="text" value="0"/>	<input type="text" value="0"/>		\$ <input type="text" value="0"/>
Other	<input type="text" value="0"/>		\$ <input type="text" value="0"/>	<input type="text" value="0"/>		\$ <input type="text" value="0"/>
C. Fringe Benefits			\$ <input type="text" value="0"/>			\$ <input type="text" value="0"/>

• All totals are dynamically summed and the total amount is placed on the Cover Sheet

• Multiple years displayed on one screen

• Rows expand and collapse for easy navigation



Demo: Proposal File Update/Budget Revision

My Desktop > Proposal Preparation > Submitted Proposals

Submitted Proposals

- Proposal File Update (PFU) / Budget Revision
- Withdrawals

Proposal Title	Submit Date	Proposal Number	Temporary ID Number	PI Name	Proposal Status
Automation test submit ready	01/24/2020		13303		Submitted to NSF (Due Date Passed But Prior to Reviewer Assignment)
Automation test submit ready	12/12/2019		13297		Submitted to NSF (Due Date Passed or Assigned for Review)
Automation test submit ready	12/12/2019		13296		Submitted to NSF (Due Date Passed But Prior to Reviewer Assignment)
Automation test submit ready	12/12/2019		13295		Submitted to NSF (Due Date Passed But Prior to Reviewer Assignment)
Automation test submit ready	12/12/2019		13294		Recommended
Automation test submit ready	12/12/2019		13293		Submitted to NSF (Due Date Passed But Prior to Reviewer Assignment)
Automation test submit ready	12/09/2019		13282		Recommended

• Prior to Review Assignment



Demo: Proposal File Update/Budget Revision

• Prepare Proposal File Update/Budget Revision

Proposal - [redacted]

Program Officer (PO) information is not yet available, but this page will be updated when the information becomes available.

Proposal Title: Automation test submit ready
Funding Opportunity: [NSF 18-560](#) - Cultural Anthropology Program Senior Research Awards
Where to Apply: Direct For Social, Behav & Economic Scie (SBE) - Division Of Behavioral and Cognitive Sci (BCS), Cultural Anthropology
Proposal Type: Research
Submission Type: Full Proposal **Submit Date:** 12/12/2019
Program Officer (PO): [redacted] **PO Email:** [redacted] **PO Phone:** [redacted]
AOR Name: [redacted]
Collaborative Type: Not Collaborative

Due Date: 01/15/2020
 Date Type: Target

Proposal Actions	Proposal Sections	Last Updated	Compliance Status [Key]
<p> Prepare Proposal File Update/Budget Revision</p> <p> Manage Personnel and Subaward Organizations</p> <p> Print Proposal</p>	<p>Required</p> <p>Cover Sheet</p> <p>Project Summary</p> <p>Project Description</p> <p>References Cited</p>	<p></p> <p>12/12/2019 11:22 AM EST</p> <p>12/12/2019 11:22 AM EST</p> <p>12/12/2019 11:22 AM EST</p>	<p>Form not checked</p> <p> No issue(s) found</p> <p> Warning(s)</p> <p> No issue(s) found</p>



Demo: Proposal File Update/Budget Revision

My Desktop > Proposal Preparation > Proposal File Update/Budget Revision

Proposal File Update/Budget Revision

For Proposal - [redacted]

Proposal Title: Automation test submit ready [🔗](#)
Funding Opportunity: NSF 18-560 [🔗](#) - Cultural Anthropology Program Senior Research Awards
Where to Apply: Direct For Social, Behav & Economic Scie (SBE) - Division Of Behavioral and Cognitive Sci (BCS), Cultural Anthropology
Proposal Type: Research
Submission Type: Full Proposal
Collaborative Type: Not Collaborative

* Due Date: 01/15/2020 [🔗](#)
i Date Type: Target

[📄](#) View last submitted version

Proposal Actions	Proposal File Update Form	Last Updated	Compliance Status [Key]
🔒 Share Proposal with SPO/AOR 👤 Manage Personnel and Subaward Organizations 🖨 Print Proposal 🗑 Delete PFU/Budget Revision	Proposal Update Justification		Form not checked

Proposal Sections	Last Updated	Compliance Status [Key]
Required		
Cover Sheet	02/03/2020 1:17 PM EST	✅ No issue(s) found
Project Summary	02/03/2020 1:17 PM EST	✅ No issue(s) found
Project Description	02/03/2020 1:17 PM EST	⚠ Warning(s)
References Cited	02/03/2020 1:17 PM EST	✅ No issue(s) found
Budget(s)	02/03/2020 1:17 PM EST	✅ No issue(s) found
Budget Justification(s)	02/03/2020 1:17 PM EST	✅ No issue(s) found

Proposal Details

i **Proposal Status:**
PFU/Budget Revision: Not Forwarded to SPO/AOR

• Budget Revision Status

• Proposal Update Justification is required if there is a change in proposal content, not budget content



Demo: Proposal File Update/Budget Revision

My Desktop > Proposal Preparation > Submitted Proposals

Submitted Proposals

- Proposal File Update (PFU) / Budget Revision
- Withdrawals

Proposal Title	Submit Date	Proposal Number	Temporary ID Number	PI Name	Proposal Status
Automation test submit ready	01/24/2020		13303		Submitted to NSF (Due Date Passed But Prior to Reviewer Assignment)
Automation test submit ready	12/12/2019		13297		Submitted to NSF (Due Date Passed or Assigned for Review)

• Assigned for Review



Demo: Proposal File Update/Budget Revision

Proposal - [Redacted]

Program Officer (PO) information is not yet available, but this page will be updated when the information becomes available.

Proposal Title: Automation test submit ready
Funding Opportunity: NSF 18-560 - Cultural Anthropology Program Senior Research Awards
Where to Apply: Direct For Social, Behav & Economic Scie (SBE) - Division Of Behavioral and Cognitive Sci (BCS), Cultural Anthropology
Proposal Type: Research
Submission Type: Full Proposal **Submit Date:** 12/12/2019
Program Officer (PO): [Redacted] **PO Email:** **PO Phone:**
AOR Name: [Redacted]
Collaborative Type: Not Collaborative

Due Date: 01/15/2020
Date Type: Target

Proposal Actions	Proposal Sections	Last Updated	Compliance Status [Key]
<ul style="list-style-type: none"> Prepare Proposal File Update/Budget Revision Manage Personnel and Subaward Organizations Print Proposal 	Required Cover Sheet Project Summary Project Description References Cited	 12/12/2019 11:22 AM EST 12/12/2019 11:22 AM EST 12/12/2019 11:22 AM EST	Form not checked No issue(s) found Warning(s) No issue(s) found

• Prepare Proposal File Update/Budget Revision



Demo: Proposal File Update/Budget Revision

Hide Menu

PFU/Budget Revision

Manage Personnel and Subaward Organizations

Proposal Update Justification

Required ▾

Cover Sheet

Project Summary

Project Description

References Cited

Budget(s)

Budget Justification(s)

Budget Impact Statement(s)

Facilities, Equipment and Other Resources

Senior Personnel Documents

Data Management Plan

Postdoctoral Mentoring Plan

My Desktop > Proposal Preparation > Proposal File Update/Budget Revision > Budget(s) > Budget (Prime Organization)

Budget (Prime Organization)

\$95
Total Requested Amount

For New York University ⓘ

✔ Your budget has saved successfully. ✕

ⓘ A Budget Impact Statement is now available in your proposal sections. The statement is required if the budget is being reduced by 10% or more from the amount originally proposed. ✕

▶ Video: How to Work on a Proposal Budget

Expand all rows | Collapse all rows Years in budget: 1 Add Year Delete Year

Personnel Direct Costs				
Section	Year 1			Total Funds Requested
	# Personnel	Months	Funds	
A. Senior Personnel [Manage]	1	1.25	\$55	\$55
(PI)		1.25	\$ 55	\$55

- System will not enforce that the Budget Impact Statement exists if the budget is reduced by 10%