



National Science Foundation Proposal Submission Modernization Update



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Agenda

- Proposal Submission Modernization Initiative and Research.gov Proposal Ramp-up
- Advantages of Research.gov Proposal Preparation
- Recent Research.gov Enhancements
- Research.gov Proposal Capabilities Overview
- Research.gov Proposal Preparation Demo Site and Training Resources
- Research.gov Proposal Tips
- Providing Research.gov Proposal Feedback
- Information Resources for the Research Community
- Research.gov Demo



Proposal Submission Modernization Initiative

Proposal Submission Modernization (PSM) is an initiative to modernize proposal submission capabilities and migrate them from FastLane to Research.gov.

- Research.gov is the custom National Science Foundation (NSF) portal that is tuned for the best user experience and has been developed to replace the aging FastLane portal and infrastructure.
- 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.

Why is NSF migrating proposal preparation and submission from FastLane to Research.gov?

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 reduce administrative burden for both the research community and NSF staff (e.g., expanded automated compliance checking)
- Research.gov user interface conforms to modern industry standards and is intuitive and user-friendly



Research.gov Implementation Update – Important Notice No. 147

- Per [Important Notice No. 147](#), 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
- FastLane has already been removed from some solicitations as a submission option and will continue to be incrementally removed from solicitations through the transition
- Research.gov will be added to solicitations whenever possible as an option, even if FastLane is not yet removed
- Both solicitations and program descriptions are enabled in Research.gov
- Funding opportunities clearly specify whether submission via Research.gov is required or available

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.



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

Features to 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 **104** compliance checks in Research.gov versus **56** compliance checks in FastLane (new Research.gov checks are added with each proposal type release)
 - Specific, actionable error and warning messages
- Higher quality proposal submissions (e.g., PDF uploads are not altered like in FastLane)
- Minimized Return without Reviews due to some proposal formatting issues



Recent Research.gov Enhancements: Font Warning Changes

- Effective in 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
- NSF made these changes per feedback from the research community
- PAPPG (NSF 20-1) [Chapter II.B.2.a.](#) proposal font requirements must be followed
- Proposals may be returned without review if the font type or font size are not compliant with the PAPPG



Recent Research.gov Enhancements: Proposal Types

New proposal types available since March 22:

Additional proposal types and associated [automated compliance checks](#) enabled in Research.gov **and** in the Research.gov demo site:

- Facilitation Awards for Scientists and Engineers with Disabilities (FASED)
- Equipment
- Travel

Research.gov Proposal Screenshot: Proposal Type Options

Prepare New Proposal

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Proposal Type ✓ 4. Submission Type 5. Proposal Details

Select Proposal Type

What type of proposal will be used? ⓘ

- Research
- Rapid Response Research (RAPID) Proposals **Available Now**
- Early-concept Grants for Exploratory Research (EAGER)
- Research Advanced by Interdisciplinary Research and Engineering (RAISE)

- Grant Opportunities for Academic Liaison with Industry (GOALI)
- Ideas Lab
- Facilitation Awards for Scientists and Engineers with Disabilities (FASED) **FASED, Equipment and Travel: Available Now**
- Conferences Conference: Future release
- Equipment
- Travel
- Center
- Research Infrastructure
- Fellowship

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.



Recent Research.gov Enhancements: Proposal Withdrawal

New functionality available since March 22:

- Proposers are able to withdraw both **single submission (with and without subawards)** and **separately submitted collaborative proposals** in Research.gov
- New proposal withdrawal FAQs added to the Research.gov [About Proposal Preparation and Submission](#) page

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

Proposal File Update (PFU) / Budget Revision
Proposal Withdrawal

New Tooltip



Recent Research.gov Enhancements: Training Resources

Training resources on the Research.gov [About Proposal Preparation and Submission](#) page available since March 22:

- New 16-minute Research.gov proposal demo video in the Video Tutorials section highlighting key preparation steps including:
 - Setting up a proposal
 - Uploading a document and compliance messaging
 - Preparing proposal file updates/budget revisions
- New How-to Guides section with the first set of topic-specific resources posted. Additional guides will be posted in this section going forward
- New and updated topic-specific FAQs
- New callout box to help proposers quickly see the proposal and submission types currently supported in Research.gov

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 in accordance with [NSF Important Notice 147: Research.gov Implementation Update](#) issued September 22, 2020. Grants.gov continues to be an option for the preparation and submission 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
- Less system downtime

When to Use Research.gov

Prepare your proposal in Research.gov if:

- 1 Your funding opportunity specifies submission via Research.gov is available
- 2 Your proposal is a **full** proposal, **AND**
- 3 Your proposal is one of the following types:
 - **Research**
 - **RAPID**
 - **EAGER**
 - **RAISE**
 - **FASED**
 - **Equipment**
 - **Travel**

Single and collaborative proposals are supported. [View all supported and new features.](#)



Research.gov Proposals: Capabilities Overview

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>) <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"> • Conference (<i>Targeting late summer release</i>) • Ideas Lab (<i>Targeting late summer release</i>) • Grant Opportunities for Academic Liaison with Industry (GOALI) (<i>Targeting fall release</i>) <p>Submission Types (<i>Targeting late summer/early fall release</i>)</p> <ul style="list-style-type: none"> • Letter of Intent • Preliminary Proposal • Full Proposal related to a Preliminary Proposal • Renewal Proposal • Accomplishment-Based Renewal Proposal <p>Post Award Actions (<i>Targeting fall release</i>)</p> <ul style="list-style-type: none"> • Supplemental Funding Requests <p>Training</p> <ul style="list-style-type: none"> • Additional Topic-specific How-to Guides (<i>ongoing</i>) • Webinars (<i>e.g., Spring 2021 NSF Grants Conference</i>) 	<p>Proposal Types</p> <ul style="list-style-type: none"> • SBIR and STTR Phases I/II • Center • Research Infrastructure • Fellowship <p>Solicitation-specific Requirements</p> <ul style="list-style-type: none"> • Additional specified forms or documents (e.g., DUE Project Data Form) • Approved deviations from the PAPPG (e.g., Project Descriptions exceeding 15 pages)

Notes:

- (1) 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.
- (2) Two new proposal types (Planning Proposals and Career Life Balance Supplemental Funding Requests) included in the "For comment" draft of the PAPPG (NSF 22-1) are not listed in this table.



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



Research.gov Proposal Training Resources

- Resources on the [Research.gov About Proposal and Submission](#) page:
 - FAQs by topic
 - Links to video tutorials including new 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 compliance checks
 - Links to topic-specific how-to guides

- In-line help features in both the Research.gov proposal system and the proposal preparation demo site:
 - Information tool tips
 - Links to the PAPPG
 - Links to FAQs and video tutorials

Research.gov About Proposal Preparation and Submission Page

Example of Links to Resources on the Proposal Main Page (Demo Site)

Proposal Details	Facilities, Equipment and Other Resources	Document unavailable for check
Proposal Status: Not Shared with SPO/AOR	Senior Personnel Documents	Document(s) unavailable for check
	Data Management Plan	Document unavailable for check
	Postdoctoral Mentoring Plan <i>Conditionally required</i>	Document 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
	Deviation Authorization (Single Copy Document)	Document unavailable for check
	Additional Single Copy Documents	Document unavailable for check



Research.gov Proposal Tips

- Proposal information cannot be transferred from FastLane to Research.gov and vice versa
- Proposal file updates 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., Research.gov or 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
- Additional technical support is available for those who are new to Research.gov and to those who encounter any issues with proposal preparation and submission:
 - For IT system-related 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



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

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 p Public Access Res
- Search awards

Research.gov National Science Foundation

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 Op
Upcoming Funding Opportunit
A-Z Index of Funding Opp
Find Funding
Award Search
Proposal &

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



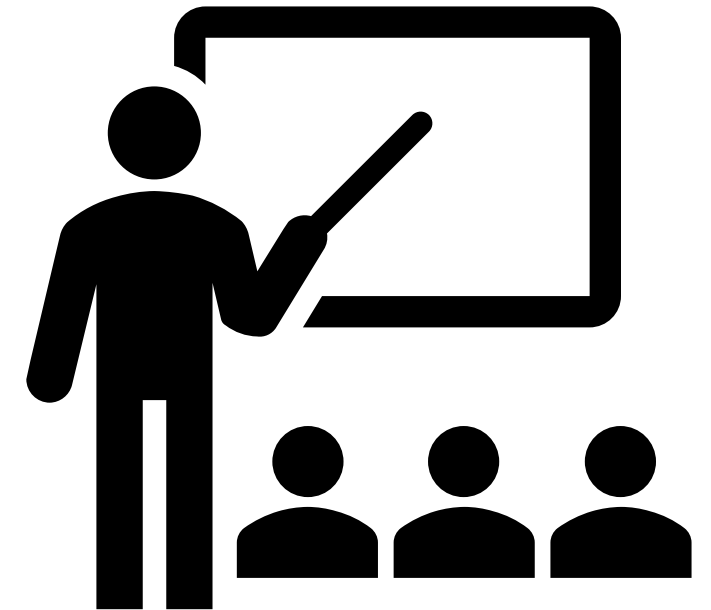
Information Resources for the Research Community

- 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
- NSF [Biographical Sketch](#) and [Current and Pending Support](#) websites with FAQs, as well as links to SciENcv video tutorials and reference resources with step-by-step instructions and screenshots
- Research.gov [About Proposal Preparation and Submission](#) page with FAQs organized by topic, how-to guides, and video tutorials (*new information is 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



Research.gov Proposal Demo

- Proposal Setup Wizard
- Proposal Main Page
- Document Upload and Compliance Error/Warning Messages
- Separately Submitted Collaborative Proposals
- Senior Personnel Documents
- Single-Copy Documents
- Budget
- Proposal File Updates
- Budget Revisions





Thank you for your participation today!



Questions

Ask Early, Ask Often!





Appendix



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 types available in the actual system are also available in the demo site. As proposal 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



Appendix: Research.gov Demo Screenshots



Demo: Proposal Setup Wizard

My Desktop > Proposal Preparation > Create New Proposal

Create New Proposal

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Proposal Type 4. Submission Type 5. Title & Collaborative Info

Select Proposal Type

What type of proposal will be used? ⓘ

- Research
- Rapid Response Research (RAPID) Proposals
- Early-concept Grants for Exploratory Research (EAGER)
- Research Advanced by Interdisciplinary Research and Engineering (RAISE)
- Grant Opportunities for Academic Liaison with Industry (GOALI)
- Ideas Lab
- Facilitation Awards for Scientists and Engineers with Disabilities (FASED)
- Conferences
- Equipment
- Travel
- NSF Center Proposals
- Major Research Equipment and Facility Construction Proposals
- Fellowship

Previous Next

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

• 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-CorpsTM Teams)
Where to Apply: Directorate For Engineering (ENS) - Div Of Industrial Innovation & Partnersh (IIP), I-Corps
Proposal Type: Research
Submission Type: Full Proposal

Proposal Deadline Date ⓘ
 Accepted Anytime

Proposal Sections	Last Updated	Compliance Status
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
List of Reviewers		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 OAUs
 • Quick access to link collaborative proposals

Proposal Actions

[Proposal Access for SPO/AOR](#)
[Print Proposal](#)
[Delete Proposal](#)

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

The screenshot shows a web interface for proposal preparation. The top navigation bar includes 'My Desktop', 'Prepare & Submit Proposals', 'Awards & Reporting', and 'Manage Fin...'. The left sidebar has a 'Hide Menu' button and a list of document sections: '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', and 'Letters of Collaboration'. The main content area is titled 'Project Summary' and contains three red error messages:

- 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.

Below the errors are '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

At the bottom, there is a 'Browse for file to upload' button with a 'Browse ...' sub-button, and a 'Preview/Print' button.

• 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 Prepare & Submit Proposals Awards & Reporting Manage Financials Administration

Attention: Research.gov currently supports preparation and submission of research proposals including collaborative proposals. View the [Research.gov Proposal System Release Timeline](#) for more information.

My Desktop > Proposal Preparation > Prepare New Proposal

Prepare New Proposal

1. Funding Opportunity ✓ 2. Where to Apply ✓ 3. Proposal Type ✓ 4. Submission Type ✓ 5. 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

What is a Collaborative Proposal?
A collaborative proposal is one in which investigators from two or more organizations wish to collaborate on a unified research project.
ⓘ Methods to submit collaborative proposals

Collaborative Research will be pre-fixed to the title

Proposal Title

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

94 of 180 characters

Previous Prepare Proposal



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

Send Link Request

Cancel

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]
	Required		
Share Proposal with SPO/AOR	Cover Sheet		Form not checked
Manage Personnel and Subaward Organizations	Budget(s)		Form not checked
Link/View Collaborative Proposals	Budget Justification(s)		Document unavailable for check
Print Proposal	Facilities, Equipment and Other Resources		Document unavailable for check
Delete Proposal	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

[i](#) **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

Show: Manage Organizations and Personnel

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

Personnel Direct Costs

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"/>		\$ 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"/>	\$ 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"/>	\$ 0	<input type="text" value="0"/>	<input type="text" value="0.00"/>	\$ 0
Graduate Students	<input type="text" value="10"/>		\$ 100	<input type="text" value="10"/>		\$ 200
Undergraduate Students	<input type="text" value="0"/>		\$ 0	<input type="text" value="0"/>		\$ 0
Administrative/Clerical	<input type="text" value="0"/>		\$ 0	<input type="text" value="0"/>		\$ 0
Other	<input type="text" value="0"/>		\$ 0	<input type="text" value="0"/>		\$ 0
C. Fringe Benefits			\$ 0			\$ 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>	Required		
	Cover Sheet		Form not checked
	Project Summary	12/12/2019 11:22 AM EST	✔ No issue(s) found
	Project Description	12/12/2019 11:22 AM EST	⚠ Warning(s)
	References Cited	12/12/2019 11:22 AM EST	✔ No issue(s) found



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

✔ The Budget Revision for proposal 13297 has been successfully deleted. Please communicate this change to any other personnel that are involved with the preparation of this Budget Revision. ✕

- [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

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

Budget (Prime Organization)

For New York University ⓘ

\$95
 Total Requested Amount

✓ 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] <div style="border: 1px solid #ccc; padding: 2px; margin-top: 5px;"> (PI) </div>	1	1.25	\$55	\$55
		<input type="text" value="1.25"/>	<input type="text" value="\$ 55"/>	\$55

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