



# National Science Foundation Research.gov Proposal Submission Modernization



Northwestern University

June 24, 2022



# Presenter

## Stephanie Yee

IT Project Manager

Research.gov/FastLane/Grants.gov Maintenance & Operations Lead

Office of Information and Resource Management

Division of Information Systems

[syee@nsf.gov](mailto:syee@nsf.gov)



# Agenda

- NSF's System for Award Management (SAM) Unique Entity Identifier (UEI) Implementation
- Login.gov Option for Research.gov Sign In
- 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
- Research.gov Proposal Demo
- Providing Feedback and Why It's Important
- Research.gov Proposal Preparation Demo Site and Training Resources
- Information Resources for the Research Community & Contacts for Questions



# **NSF's System for Award Management (SAM) Unique Entity Identifier (UEI) Implementation**



# NSF's SAM UEI Implementation

- NSF replaced DUNS numbers with SAM.gov-assigned UEIs for all NSF-registered organizations in NSF systems as of February 28, 2022
- SAM Legal Business Name and SAM Physical Address updates made in SAM.gov. Organizational address changes no longer accepted in FastLane
- Any subrecipients named in a proposal are also required to obtain a SAM UEI and register in Research.gov. Subrecipients named in the proposal, however, do not need to be registered in SAM. Entities can obtain a SAM UEI without full SAM registration
- DUNS number only used or displayed at NSF for historical reference

## Effective April 4, 2022

- ✓ **Government-wide transition from DUNS number to SAM UEI as federal entity identifier**
- ✓ **SAM.gov-issued UEI required to register new organization in Research.gov**
- ✓ **Proposal validation checks verify the organization's SAM UEI**

**Proposing organization must have a valid and active SAM registration to submit a proposal to NSF**



# Login.gov Option for Research.gov



# Login.gov Option for Research.gov Sign In

**NSF User Sign In**  
Use your Primary Email Address, NSF ID, LOGIN.GOV or your organization credentials to sign in to Research.gov

**NSF Account**  
Primary Email Address or NSF ID  
  
[Forgot ID](#)


Password  
  
[Forgot Password](#)  
**Sign In**

New to NSF? [Register](#)

**Organization Credentials** ⓘ  
Pick Your Organization  
Select an Option  
**Sign In**

or

or

**Login.gov Credentials**  
  
**LOGIN.GOV**  
**Sign In**

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

- Using [Login.gov](#) credentials option:
- Choose Login.gov option from Research.gov Sign In screen
  - Enter your Login.gov credentials
  - Link/activate your NSF ID



# Migrating Proposal Preparation and Submission from FastLane to Research.gov





# Goodbye FastLane Proposal Preparation...Hello Research.gov

## Solicitations

- FastLane targeted to be removed as submission option from all solicitations **when the *Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 23-1)* goes into effect in January 2023**
- Solicitations clearly specify whether submission via Research.gov is available or required
- Grants.gov remains an option for most proposals

### Division of Environmental Biol

#### PROGRAM SOLICITATION NSF 22-541

REPLACES DOCUMENT(S):  
NSF 21-504



National Science Foundation  
Directorate for Biological Sciences  
Division of Environmental Biology

Full Proposal Deadline(s):  
Proposals Accepted Anytime

#### IMPORTANT INFORMATION AND REVISION NOTES

The Bridging Ecology and Evolution (BEE) special category is no longer part of this solicitation. Proposals that combine ecological and evolutionary approaches to better understand the functional role of biodiversity can be submitted to the new "Biodiversity on a Changing Planet" solicitation (NSF 22-508).

This revision includes new details on the required contents of the Data Management Plan.

Innovating and migrating proposal preparation and submission capabilities from FastLane to Research.gov is part of the ongoing NSF information technology modernization efforts, as described in [Important Notice No. 147](#). In support of these efforts, proposals submitted in response to this program solicitation must be prepared and submitted via Research.gov or via Grants.gov and may not be prepared or submitted via FastLane.

Any proposal submitted in response to this solicitation should be submitted in accordance with the [NSF Proposal & Award Policies & Procedures Guide \(PAPPG\)](#).

#### IMPORTANT INFORMATION AND REVISION NOTE ABOUT RESEARCH.GOV PROPOSAL PREPARATION:

Innovating and migrating proposal preparation and submission capabilities from FastLane to Research.gov is part of the ongoing NSF information technology modernization efforts, as described in [Important Notice No. 147](#). In support of these efforts, **proposals submitted in response to this program solicitation must be prepared and submitted via Research.gov or via Grants.gov and may not be prepared or submitted via FastLane.**



# Goodbye FastLane Proposal Preparation...Hello Research.gov (cont'd)

## Program Descriptions

- FastLane targeted to be removed as submission option from all program descriptions (PDs) when the PAPPG (NSF 23-1) goes into effect in January 2023
- PD migration process started in March 2022

**Magnetospheric Physics**

**Important Information for Proposers**  
A revised version of the NSF Proposal & Award Policies & Procedures Guide (PAPPG) (NSF 23-1) is effective for proposals submitted, or due, on or after 01/01/2023.

**Synopsis**  
Supports research on the magnetized energization by the solar wind; the or population by solar and ionospheric the magnetosphere, ionosphere, and plasma. Also supported are ground-b laboratory experiments applicable to programs may include numerical sim The analysis of data from all sources, supported.

**Program Contacts**

Chia-Lin Huang	chihuang@
Lisa M. Winter	lwinter@

**Awards Made Through This Program**

[Browse projects funded by this program](#)

[Map of recent awards made through this program](#)


**Related programs**

- Geospace Environment Modeling (GEM)
- Solar, Heliospheric, and Interplanetary Environment (SHINE)
- Research in Support of the National Space Weather Program (NSWP)
- Atmospheric and Geospace Sciences Postdoctoral Research Fellowships (AGS-PRF)

**Alert: Many NSF programs are only accepting proposals in Research.gov or Grants.gov. FastLane may no longer be a submission option. For more information, please visit [Program Descriptions that Require Proposal Preparation and Submission in Research.gov or Grants.gov](#).**

**Alert: Many NSF programs are only accepting proposals in Research.gov or Grants.gov. FastLane may no longer be a submission option. For more information, please visit Program Descriptions that Require Proposal Preparation and Submission in Research.gov or Grants.gov.**

As of 03/21/2022



**Program Descriptions that Require Proposal Preparation and Submission in Research.gov or Grants.gov**

Innovating and migrating proposal preparation and submission capabilities from FastLane to Research.gov is part of the ongoing NSF information technology modernization efforts. Since the issuance of NSF [Important Notice No. 147](#) in September 2020, NSF has been gradually removing FastLane as a submission option in program solicitations to increase Research.gov proposal submissions. To further boost Research proposal submissions and support the transition of proposal preparation from FastLane to Research.gov, NSF will begin removing FastLane as a submission option for program descriptions and require use of Research.gov for proposal preparation and submission in response to those funding opportunities. **FastLane is targeted to be removed as a submission option from all funding opportunities when the Proposal and Award Policies and Procedures Guide (PAPPG) goes into effect in January 2023.** Grants.gov will remain a submission option for most NSF proposals.

The program descriptions listed below require proposal preparation and submission in Research.gov or Grants.gov and are no longer available in FastLane.

Since many program solicitations also require submission in Research.gov, proposers should pay close attention to the requirements identified in those specific funding opportunities.

Research.gov proposal training resources including Frequently Asked Questions (FAQs), video tutorials, and how-to guides are available on the Research.gov [About Proposal Preparation and Submission](#) page.

**Questions?** If you have 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](mailto:rgov@nsf.gov). Policy-related questions should be directed to [policy@nsf.gov](mailto:policy@nsf.gov).

**Instructions:** Scroll down to view the program descriptions by directorate or use the links below. This list is being continuously updated and more program descriptions will be added. Note that not all NSF directorates have active program description funding opportunities.

- [Computer and Information Science and Engineering \(CISE\)](#)
- [Education and Human Resources \(EHR\)](#)
- [Engineering \(ENG\)](#)
- [Geosciences \(GEO\)](#)
- [Mathematical and Physical Sciences \(MPS\)](#)
- [Social, Behavioral and Economic Sciences \(SBE\)](#)

Program Description Number	Program Description	Effective Date
PD 21-191Y		
PD 98-5750		
PD 98-1680		
PD 98-1670		
PD 98-1650		
PD 98-1610		
PD 98-1530		
PD 98-1524		
PD 98-1523		
PD 98-1521		
PD 22-1529		
PD 22-1525	<a href="#">Physical and Dynamic Meteorology (PDM)</a>	06/15/2022
PD 21-7700	<a href="#">Education Programs in Atmospheric and Geospace Sciences</a>	06/15/2022
PD 21-178Y	<a href="#">Geoscience Opportunities for Leadership in Diversity (GOLD)</a>	06/15/2022
PD 17-1620	<a href="#">Marine Geology and Geophysics (MG&amp;G)</a>	06/15/2022
PD 14-5720	<a href="#">Ocean Drilling Program (ODP)</a>	06/15/2022



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

- Launched in 1994, FastLane was cutting-edge technology....28 years ago
- Research.gov built on modernized architecture to meet current and future requirements
  - Features to help reduce administrative burden for both the research community and NSF staff and minimize return without review proposals (e.g., expanded automated compliance checking)
  - Improved user experience with a modern and intuitive interface and inline help throughout the application
- Research.gov is being developed incrementally, and features have expanded to support the transition of all proposal preparation and submission functionality from FastLane to Research.gov when the PAPPG (NSF 23-1) goes into effect in January 2023
- Target date to fully transition all remaining FastLane functions to Research.gov has not yet been determined
- Grants.gov continues to be option for the preparation and submission of most types of NSF proposals



# 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)
- Complete development and deployment of remaining 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 (stopping proposal submission) and warning messages (allowing proposal submission)
  - Currently ~**450** compliance checks in Research.gov across multiple submission types (full proposals, renewals, preliminary proposals, and letters of intent) versus **56** compliance checks in FastLane for full proposals only
  - 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

- Proposal information cannot be transferred from FastLane to Research.gov and vice versa
- Letters of intent and preliminary proposals must be prepared in the same system as the full proposal (i.e., all in Research.gov or all in 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)
- Proposal file updates (PFUs) and budget revisions must be executed in the same system as the proposal was submitted (i.e., all in Research.gov or all in FastLane)
- Proposals submitted in Research.gov 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 5/12/2022

Current Capabilities	Future Capabilities
<p><b><u>Proposal Types</u></b></p> <ul style="list-style-type: none"> <li>✓ <b>Research:</b> Single Submissions from One Organization (<i>April 2018</i>); Single Submission Collaborative Proposals with Subawards (<i>June 2019</i>); Separately Submitted Collaborative Proposals from Multiple Organizations (<i>March 2020</i>)</li> <li>✓ <b>Rapid Response Research (RAPID)</b> (<i>November 2020</i>)</li> <li>✓ <b>EARly-concept Grants for Exploratory Research (EAGER)</b> (<i>November 2020</i>)</li> <li>✓ <b>Research Advanced by Interdisciplinary Science and Engineering (RAISE)</b> (<i>November 2020</i>)</li> <li>✓ <b>Facilitation Awards for Scientists and Engineers with Disabilities (FASED)</b> (<i>March 2021</i>)</li> <li>✓ <b>Equipment</b> (<i>March 2021</i>)</li> <li>✓ <b>Travel</b> (<i>March 2021</i>)</li> <li>✓ <b>Conference</b> (<i>August 2021</i>)</li> <li>✓ <b>Ideas Lab</b> (<i>August 2021</i>)</li> <li>✓ <b>Grant Opportunities for Academic Liaison with Industry (GOALI)</b> (<i>October 2021</i>)</li> <li>✓ <b>Planning</b> (<i>October 2021</i>)</li> <li>✓ <b>Center</b> (<i>November 2021</i>)</li> <li>✓ <b>Research Infrastructure</b> (<i>November 2021</i>)</li> <li>✓ <b>Postdoctoral Fellowship</b> (proposals for fellowship solicitations that do not contain reference letter requirements) (<i>April 2022</i>)</li> </ul> <p><b><u>Submission Types</u></b></p> <ul style="list-style-type: none"> <li>✓ <b>Letter of Intent</b> (<i>October 2021</i>)</li> <li>✓ <b>Full Proposal</b> (<i>April 2018</i>)</li> <li>✓ <b>Preliminary Proposal:</b> Ideas Lab (<i>August 2021</i>); Non-Ideas Lab (<i>November 2021</i>)</li> <li>✓ <b>Full Proposal related to a Preliminary Proposal</b> (<i>November 2021</i>)</li> <li>✓ <b>Renewal Proposal</b> (<i>August 2021</i>)</li> <li>✓ <b>Accomplishment-Based Renewal Proposal</b> (<i>August 2021</i>)</li> </ul> <p><b><u>Solicitation-specific Requirements</u></b></p> <ul style="list-style-type: none"> <li>✓ <b>EHR Project Data Form</b> (<i>April 2022</i>)</li> <li>✓ <b>Secondary Units of Consideration</b> (<i>April 2022</i>)</li> </ul> <p><b><u>Recent Proposal Features</u></b></p> <ul style="list-style-type: none"> <li>✓ <b>Withdrawal</b> (Single and Separately Submitted Collaborative Proposal Submissions) (<i>March 2021</i>)</li> <li>✓ <b>Project Descriptions Exceeding 15 Pages</b> (<i>November 2021</i>)</li> <li>✓ <b>Separate Uploads of Multiple Supplementary Documents</b> (<i>April 2022</i>)</li> </ul> <p><b><u>Training</u></b></p> <ul style="list-style-type: none"> <li>✓ <b>Research.gov Proposal Preparation Demo Site</b> (<i>October 2020</i>)</li> <li>✓ <b>Topic-specific How-to Guides</b> (<i>Ongoing</i>)</li> <li>✓ <b>Webinars and Demos</b> (e.g., <i>Spring 2022 NSF Grants Conference and Summer 2022 ERA Forum</i>) (<i>Ongoing</i>)</li> </ul>	<p><b><u>Proposal Types</u></b></p> <ul style="list-style-type: none"> <li>• <b>SBIR and STTR Phases I/II</b> (<i>fall 2022 release</i>)</li> <li>• <b>Postdoctoral Fellowship</b> (<i>proposals for fellowship solicitations that contain reference letter requirements</i>) (<i>release TBD</i>)</li> </ul> <p><b><u>Grants.gov Integration</u></b> (<i>Grants.gov applications only; fall 2022 release</i>)</p> <ul style="list-style-type: none"> <li>• Grants.gov applications will be inserted into Research.gov after they are received and validated by NSF</li> <li>• Research.gov will be used to add or correct information in Grants.gov applications after submission in Grants.gov</li> </ul> <p><b><u>Post-award Actions</u></b></p> <ul style="list-style-type: none"> <li>• <b>Supplemental Funding Requests</b>, including Career Life Balance Supplemental Funding Requests (<i>fall 2022 release</i>)</li> </ul>



## January 2023 Key Migration Milestone

### Effective with PAPPG (NSF 23-1) Implementation in January 2023:

- All FastLane proposal preparation and submission functionality enabled in Research.gov
- FastLane removed as preparation and submission option from all funding opportunities
- No NEW proposals can be prepared or submitted in FastLane





# Recent Research.gov Proposal Enhancements



# Research.gov Proposal Enhancements Available as of May 2

Research.gov Proposal Screenshot: Full Proposal Type Options

- **New proposal type supported:**
  - Postdoctoral Fellowship (*proposals specifically for fellowship solicitations that do not contain reference letter requirements*)
  
- **New features supported:**
  - Project Data Form
  - Secondary Units of Consideration
  - Separate Uploads of Multiple Supplementary Documents

Prepare New Full Proposal

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

Select Proposal Type

**i** If this full proposal will be related to a preliminary proposal, you must select one of the following proposal types: Research, FASED, Conference, Equipment, Travel, Center, or Research Infrastructure. Check the relevant funding opportunity for additional information.

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 PAPPG II.E.12 [↗](#)
- Research Infrastructure PAPPG II.E.13 [↗](#)
- Postdoctoral Fellowship Now Available
- Small Business Innovation Research Program (SBIR) Fall 2022 release
- Small Business Technology Transfer Program (STTR)

Current Capabilities

Future Capabilities



# Project Data Form Available as of May 2

- Project data form will display in the Required section on the proposal main page when the selected funding opportunity requires submission of the form
- Information on the form is used to direct proposals to appropriate reviewers and to determine the characteristics of projects supported by the Directorate for Education and Human Resources (EHR)/Division of Undergraduate Education (DUE)

Research.gov Screenshot: EHR Sample Proposal Main Page

Proposal - 56457

Proposal Title: Test: NCURA [Edit](#)

Funding Opportunity: NSF 21-598 [Edit](#) - Advanced Technological Education

Where to Apply: Direct For Education and Human Resources (EHR) - Division Of Undergraduate Education (DUE), Advanced Tech Education Prog  
[Manage Where to Apply](#)

Proposal Type: Research

Submission Type: Full Proposal

Collaborative Type: Not Collaborative

**Due Date:** Select Due Date [Edit](#)

**Date Type:** Deadline Date

Proposal Actions	Proposal Sections	Last Updated	Compliance Status <a href="#">[Key]</a>
<a href="#">Share Proposal with SPO/AOR</a> <a href="#">Manage Personnel and Subaward Organizations</a> <a href="#">Print Proposal</a> <a href="#">Delete Proposal</a>	<b>Required</b>		
	Cover Sheet		Form not checked
	Project Summary		Document unavailable for check
	Project Description		Document unavailable for check
	References Cited		Document unavailable for check
	Budget(s)		Form not checked
	Budget Justification(s)		Document unavailable for check
	Facilities, Equipment and Other Resources		Document unavailable for check
	Senior Personnel Documents <a href="#">i</a>		Document unavailable for check
	Data Management Plan		Document unavailable for check
	<b>Project Data Form</b>		<b>Form not checked</b>
	Postdoctoral Mentoring Plan <a href="#">i</a> Conditionally required		Document unavailable for check
	<b>Optional</b>		
	Other Personnel Biographical Information <a href="#">i</a>		Document unavailable for check
	Other Supplementary Documents		Document unavailable for check

**Proposal Details**

Proposal Status: Not Shared with SPO/AOR

**Helpful Links**

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



# Secondary Units of Consideration Available as of May 2

- Proposers now have the ability to choose additional Directorate/Division/Program options (i.e., secondary units of consideration) to direct proposals to NSF
- Secondary units of consideration may be added in the *Where to Apply* proposal wizard setup step **OR** using the *Manage Where to Apply* link on the proposal main page

**Prepare New Full Proposal**

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

Select Where to Apply

✓ The selection has been added to the Saved Selections list. You may specify an additional program or click 'Next' to continue.

ⓘ At least one selection must be made to proceed. Additional programs can be added once the proposal is created.

Select where within NSF you would like to send your proposal. Depending on the funding opportunity, you may make one or multiple selections. When you have saved your selection(s), click 'Next' to continue.

Funding Opportunity  
NSF 22-1 - Proposal & Award Policies & Procedures Guide - PAPPG

Select Where to Apply <span>Details</span>	Saved Selections
<p>Select Directorate/Office</p> <p>Select Directorate/Office</p> <p>Select Division</p> <p>Select Directorate/Office first</p> <p>Select Program</p> <p>Select Division first</p> <p>Save Selection</p>	<p>Select your directorate/office, associated division and program on the left. Place selections in the order of importance.</p> <p>1. Direct For Biological Sciences (BIO), Division Of Integrative Organismal Syste (IOS), Animal Behavior</p>

Previous Next

*Where to Apply proposal wizard setup step screenshot*

**Proposal - 56458**

ⓘ If required by the funding opportunity, relate this full proposal to a preliminary proposal on the [Cover Sheet](#).

Proposal Title: Test: NCURA May [Edit](#)

Funding Opportunity: NSF 22-1 [Edit](#) - Proposal & Award Policies & Procedures Guide - PAPPG

Where to Apply: Direct For Biological Sciences (BIO) - Division Of Integrative Organismal Syste (IOS), Animal Behavior

Proposal Type: Research

Submission Type: Full Proposal

Collaborative Type: Not Collaborative

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

Proposal Actions	Proposal Sections	Last Updated	Compliance Status [Key]
<p>Share Proposal with SPO/AOR</p> <p>Manage Personnel and Subaward Organizations</p> <p>Print Proposal</p> <p>Delete Proposal</p>	<p>Required</p> <p>Cover Sheet</p> <p>Project Summary</p> <p>Project Description</p> <p>References Cited</p> <p>Budget(s)</p> <p>Budget Justification(s)</p>		<p>Form not checked</p> <p>Document unavailable for check</p> <p>Document unavailable for check</p> <p>Document unavailable for check</p> <p>Form not checked</p> <p>Document unavailable for check</p>

*Proposal main page excerpt screenshot*



# Separate Uploads of Multiple Supplementary Documents Available as of May 2

## Other Supplementary Documents

### Content Instructions for Other Supplementary Documents:

- Each document must conform to solicitation-specific and PAPPG instructions
- Other Supplementary Documents include:
  - Documents without their own separate upload pages [Documents with upload pages](#)
  - Other supplementary documents as specified in the relevant funding opportunity

[Funding Opportunity - NSF 22-1](#)

### File Instructions for Other Supplementary Documents:

- Multiple files can be uploaded in this section. After uploading a file you may use the 'Browse for another...' button to upload another file.
- When viewing the full proposal, files will be displayed in the order they are uploaded
- Each file should not contain page numbers, as they will be added automatically by the system
- Accepted file types include: PDF
- Maximum file size permitted per upload is 10 MB

Browse for file to upload

Browse ...



# Research.gov Proposal Demo

- Proposal Setup Wizard
- Main Page
- Document Upload and Compliance Error/Warning Messages
- Budget
- Highlights of recent enhancements





# Providing Feedback and Why It's Important

NSF Research.gov ONLINE GRANTS MANAGEMENT FOR THE NSF COMMUNITY

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

Show all notifications (2 notifications)

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 Re
- 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 Opportun  
A-Z Index of Funding Op  
Find Funding  
Award Search  
Proposal #

[Feedback](#)



# Providing Research.gov Proposal Feedback and Why It's Important

## Why?

- Help NSF continue to build and refine Research.gov
- Help ensure the system is working as intended and identify areas of improvement

## 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





# 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

<https://web.demo.research.gov/proposalprep/#/proposal-prep>

*(You will be prompted to sign in to Research.gov if you are not already signed in)*



# Research.gov About Proposal Preparation and Submission Page Training Resources

## • NEW FAQs

- Managing Where to Apply and Secondary Units of Consideration FAQs (*see the General FAQ topic*)
- Postdoctoral Fellowship Proposals FAQs (*see the General FAQ topic*)
- Project Data Form FAQs (*see the Proposal Sections FAQ topic*)

## • NEW and Updated How-to Guides

- [Initiating a New Proposal](#) (*same link with updated guide*)
- [Adding or Removing an OAU](#)
- [Sharing Proposal and Proposal File Update/Budget Revision Access with SPO/AOR](#) (*same link with updated guide*)
- [Entering Proposal Budgets](#)
- [Adding or Removing Subaward Organizations](#)
- [Adding or Removing Collaborators and Other Affiliations](#)
- [Deleting an In Progress Letter of Intent, Proposal, or Proposal File Update/Budget Revision](#)
- [Submitting Letters of Intent and Proposals](#)
- [Submitting Proposal File Updates/Budget Revisions](#)

**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. NSF is transitioning all preparation and submission functionality for new proposals from FastLane to Research.gov when the *Proposal & Award Policies & Procedures Guide (PAPPG)* (NSF 23-1) goes into effect in January 2023. Research.gov proposal preparation and submission capabilities have been developed incrementally, and Research.gov is very near the point where it can support all of FastLane's proposal preparation and submission tasks. Please see [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 uploads
- PDF uploads are not altered
- Minimizes the Return without Review of proposals due to some formatting issues
- On-screen references to relevant sections of the PAPPG
- Better management of personnel and subawards
- Improved performance and less system downtime

Help NSF Build and Refine the New System

NSF strongly encourages the research community to use Research.gov for proposal preparation and submission now, to facilitate the completion of the transition from FastLane to Research.gov. As NSF continues to enhance and refine the new system, vital feedback from the community helps ensure the system is working as intended and to identify areas of improvement.

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 Webinar](#)
- Join our listserve! Sign up to receive Research.gov updates by sending a blank email to [system\\_updates-subscribe-request@listserv.nsf.gov](mailto:system_updates-subscribe-request@listserv.nsf.gov)

**When to Use Research.gov**

You may 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 or your Program Solicitation requires a Letter of Intent or Preliminary Proposal
- 3 Your proposal is a full proposal, renewal, or accomplishment-based renewal, OR
- 4 Your proposal is one of the following types:
  - Research
  - Planning (Research.gov submission required)
  - RAPID
  - EAGER
  - RAISE
  - GOALI
  - Ideas Lab
  - FASED
  - Conference
  - Equipment
  - Travel
  - Center
  - Research Infrastructure
  - Postdoctoral Fellowship (proposals without reference letter requirements)

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



# Research.gov Proposal System Help Features

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 [Edit](#)  
**Funding Opportunity:** NSF 20-525 [Edit](#) - Faculty Early Career Development Program  
**Where to Apply:** Direct For Mathematical & Physical Sci (MPS) - Division Of Materials Research (DMR), BIOMATERIALS PROGRAM  
**Proposal Type:** Research  
**Submission Type:** Full Proposal  
**Collaborative Type:** Not Collaborative

**Due Date:** [Select Due Date](#) [Edit](#)  
**Date Type:** [Deadline Date](#)

Proposal Actions	Proposal Sections	Last Updated	Compliance Status <a href="#">Key</a>
<ul style="list-style-type: none"> <li><a href="#">Share Proposal with SPO/ACR</a></li> <li><a href="#">Manage Personnel and Subaward Organizations</a></li> <li><a href="#">Print Proposal</a></li> <li><a href="#">Delete Proposal</a></li> </ul>	<p><b>Required</b></p> <p>Cover Sheet <span style="float: right;">Form not checked</span></p> <p>Project Summary <span style="float: right;">Document unavailable for check</span></p> <p>Project Description <span style="float: right;">Document unavailable for check</span></p> <p>References Cited <span style="float: right;">Document unavailable for check</span></p> <p>Budget(s) <span style="float: right;">Form not checked</span></p> <p>Budget Justification(s) <span style="float: right;">Document unavailable for check</span></p> <p>Personnel, Equipment and Other Resources <span style="float: right;">Document unavailable for check</span></p> <p>Senior Personnel Documents <span style="float: right;">Document(s) unavailable for check</span></p> <p>Other Personnel Biographical Information <span style="float: right;">Document unavailable for check</span></p> <p>Other Supplementary Documents <span style="float: right;">Document unavailable for check</span></p> <p>List of Suggested Reviewers (Single Copy Document) <span style="float: right;">Document unavailable for check</span></p> <p>List of Reviewers Not to Include (Single Copy Document) <span style="float: right;">Document unavailable for check</span></p> <p>Deviation Authorization (Single Copy Document) <span style="float: right;">Document unavailable for check</span></p> <p>Additional Single Copy Documents <span style="float: right;">Document unavailable for check</span></p>		

**Example Information Tool Tip for Senior Personnel Documents**

Required documents for Senior Personnel include:

- Biographical Sketch
- Current and Pending Support
- Collaborators and Other Affiliations

**Helpful Links**

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



## Resources for LaTeX Users

- Open-source repository of compliant LaTeX/TeX sample input/output files for LaTeX/TeX users to reference for their own documents
- Repository link: <https://github.com/nsf-open/nsf-proposal-latex-samples>



## Information Resources

- Join our 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](mailto:system_updates-subscribe-request@listserv.nsf.gov)
- [Automated Compliance Checking of NSF Proposals](#) page
- Resources for LaTeX Users: <https://github.com/nsf-open/nsf-proposal-latex-samples>
- Research.gov [About Proposal Preparation and Submission](#) page
- 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](mailto: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](mailto:rgov@nsf.gov)
- Policy-related questions should be directed to [policy@nsf.gov](mailto:policy@nsf.gov)





**Thank you for your participation today!**





# Appendix



# 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
- Most 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.<sup>1</sup> 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

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



# Research.gov Proposal Compliance Error and Warning Messages

- Automated proposal compliance checks triggering an error message will **stop** 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 document formatting FAQs
  - *Proposal Sections* topic includes Cover Sheet and budget FAQs



# 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