

Electronic Research Administration (ERA) Forum Webinar Series



*Public Access Repository (PAR) 2.0, Unique Entity Identifier (UEI), and
Proposal Submission Modernization Updates: Status of Migration and
Adoption of Research.gov and Demo of Research.gov Proposal
Preparation*

National Science Foundation
November 16, 2021



Welcome and Webinar Administrative Logistics

- Attendees will be in listen-only mode during the webinar.
- View real-time captions during the webinar at URL:
[https://www.captionedtext.com/client/event.aspx?EventID=4909632
&Customer...](https://www.captionedtext.com/client/event.aspx?EventID=4909632&Customer...)
 - Enter confirmation ID # **4909632**
- Presentation and Agenda will be available on the NSF ERA Forum Website https://www.nsf.gov/bfa/dias/policy/era_forum.jsp.
- **For Zoom Support**, call +1-833-966-6468 (+1-833-Zoom-Gov) or email support@zoom.us.



Agenda

- Welcome, Forum Webinar Logistics, and How to Engage with the Forum
- The ERA Forum
- Speakers
- Forum Webinar Discussion Topics:
 - Public Access Repository (PAR) 2.0 Updates
 - Unique Entity Identifier (UEI)
 - Proposal Submission Modernization Updates
 - Where we are and what is planned for the future
 - Status of migration and adoption of Research.gov
 - Demo – NSF-PAR and How to prepare a proposal in Research.gov
- Questions and Answers
- Next Steps and ERA Forum Resources



How to Engage with the Forum

Forum Participation

- Questions can be sent to nsferaforum@nsf.gov
- Post-webinar Survey
- Future Forum Topics
- Forum Listserv and Email
 - Subscribe: NSF-ERA-FORUM-subscribe-request@listserv.nsf.gov
 - Email us: nsferaforum@nsf.gov
- General Information



The ERA Forum

Background and Purpose

- Provides the approach to regularly engage the research community, which includes collecting individual opinions and perspectives on ERA activities, gathering topics of interest for future Forum Webinars, and soliciting volunteers for usability studies.

Past Forum Webinar:

- Spring 2021:
 - Key updates included 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 and Travel.
 - Ability for proposers to withdraw both **single submission (with and without subawards)** and **separately submitted collaborative proposals** in Research.gov.
 - New proposal withdrawal FAQs and Training resources were added to the *Research.gov* [About Proposal Preparation and Submission](#) page as of **March 22**.
 - New callout box to help proposers quickly see the proposal and submission types currently supported in Research.gov.



Panelists



Maria Kozalka	Jean Feldman	Martin Halbert	Jeff Viecei	Stephanie Yee
Staff Associate, Research.gov, Division of Institution and Award Support	Head, Policy Office, Division of Institution and Award Support	Science Advisor for Public Access, Office of Advanced Cyberinfrastructure	Head, Systems Office, Division of Institution and Award Support	IT Project Manger, Division of Information Systems



National Science Foundation

Public Access Repository (PAR) 2.0 Sharing Research Dataset Information

NSF Public Access Initiative

Martin Halbert

NSF Science Advisor for Public Access



Context for PAR 2.0 Dataset Features

- Historical Context of the NSF Public Access Repository (PAR)
 - Reasons why NSF undertook a Public Access Initiative and created the PAR together with associated public access deposit policy requirements
 - PAR 1.0 (Current System) functions
- Transition from PAR 1.0 and PAR 2.0
 - Reasons for continuing to enhance the NSF PAR
 - What is staying the same
 - New PAR 2.0 research dataset capabilities
- Anticipated Continued PAR Development
 - Adding capabilities for additional research products in future releases
 - Public feedback on PAR 2.0 and future capabilities



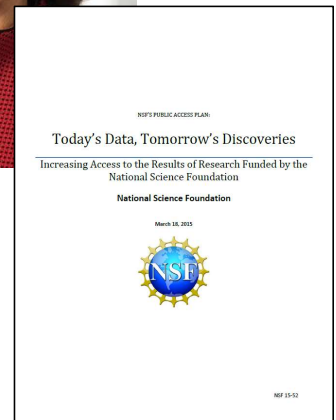
Holdren Memo

- Subject: “Increasing Access to the Results of Federally Funded Scientific Research”
- Issued February 22, 2013 by John P. Holdren, Director, White House Office of Science and Technology Policy (OSTP) under the Obama Administration
- “committed to ensuring that” ... “the direct results of federally funded scientific research are made (publicly) available” ... “Such results include peer-reviewed publications and digital data.”
- Directed agencies that issue \$100M+ “to develop a plan to support increased public access to the results of research funded by the Federal Government.”



NSF 15-52 Plan

- NSF's Public Access Plan is document NSF 15-52, entitled:
Today's Data, Tomorrow's Discoveries: Increasing Access to the Results of Research Funded by the National Science Foundation
(<https://www.nsf.gov/pubs/2015/nsf15052/nsf15052.pdf>)
- Published March 18, 2015; issued under NSF Director France Córdoba, with report leadership by Amy Friedlander and contributions by many others within NSF
- This plan led to the development of NSF PAR, public access deposit requirements in the NSF Proposal & Award Policies & Procedures Guide (PAPPG), an intra-NSF cross-agency working group, and active NSF participation in inter-agency coordinating groups



Public Access Requirements for Depositing Articles Resulting from NSF Funded Research Awards (from PAPPG)

- NSF's policy on public access to copyrighted material reflects the Foundation's commitment to making certain that, to the extent possible, the American public, industry and the scientific community have access to the results of Federally funded scientific research. Pursuant to this policy, grantees must ensure that articles in peer-reviewed scholarly journals and papers in juried conference proceedings:
 - ❑ are deposited in the NSF Public Access Repository (PAR)
 - ❑ are available for download, reading, and analysis within 12 months of publication
 - ❑ possess a minimum set of machine-readable metadata elements
 - ❑ are reported in annual and final reports with a persistent identifier
 - ❑ either the final printed version or the final peer-reviewed manuscript is acceptable for deposit
 - ❑ each NSF grant contains, as part of the grant general terms and conditions, an article implementing these public access requirements



NSF Public Access Repository (PAR)

- ❑ The NSF PAR is the infrastructural implementation of the agency's public access requirements
- ❑ Developed as a result of the NSF 15-52 Plan in collaboration with the U.S. Department of Energy Office of Scientific and Technical Information (OSTI)
- ❑ NSF PAR is a distributed, virtual system comprised of components in NSF Research Performance Progress Report (RPPR) and the DOE OSTI public repository interface

NSF PAR Home Contact FAQ

NSF Public Access Repository (NSF-PAR)
A partnership with the Department of Energy,
Office of Scientific and Technical Information

National Science Foundation
WHERE DISCOVERIES BEGIN

Explore scholarly publications in the NSF Public Access Repository

Start new search -- Place phrase in "double quotes" Find
+ Advanced Search

Find out more
Do you have questions about NSF-PAR content, procedures, or policies? More information is available at NSF's Public Access page and in our Frequently Asked Questions. You may also leave feedback by clicking on this link .

Website Policies | Budget and Performance | Inspector General | Privacy | FOIA | No FEAR Act | USA.gov | Accessibility | Plain Language | Contact | Help
The National Science Foundation, 2415 Eisenhower Avenue, Alexandria, Virginia 22314, USA Tel: (703) 292-5111, FIRS: (800) 877-8339 | TDD: (800) 281-8749



PAR 1.0 (Current) System Functions and Characteristics

PAR 1.0 is focused on Peer-Reviewed Articles

- Enables researchers to enter metadata for peer-reviewed articles or auto-populate by means of Digital Object Identifiers (DOI)
- Metadata recorded in PAR is also transmitted and synchronized with Award Search database
- The metadata for articles can be searched and displayed
- Researchers may deposit (or retrieve) public access articles as PDF/A files or point to download locations through DOI
- Note that PAR is not a single system, but rather an infrastructure of various interacting software systems in several different parts of the NSF infrastructure, also making use of modified modules from the DOE Office of Scientific and Technical Information (OSTI) system

<https://par.nsf.gov/>



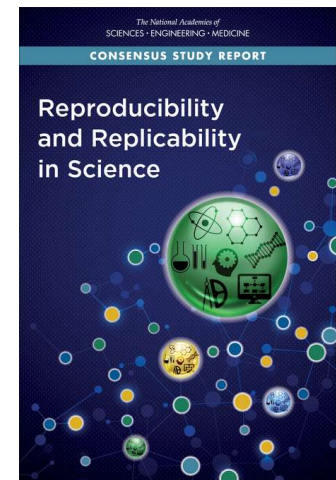
The screenshot shows the NSF PAR website interface. At the top, there's a navigation bar with "NSF PAR Home", "Contact", and "FAQ". Below that is the NSF Public Access Repository (NSF-PAR) logo and the National Science Foundation logo. A search bar contains the term "COVID" and a "Find" button. Below the search bar, it says "Explore scholarly publications in the NSF Public Access Repository". The search results section shows "Search for: COVID" and "Sort by Relevance". On the left, there's a sidebar with "Total Results: 60", "Publicly Available Full Text: 1", "Citation Only: 59", and "Filtered Results". Below the sidebar, there's a "Filter Results" section with "Filter by Author" and a "Save Results" section with "Excel", "CSV", and "XML" options. A feedback box asks "Have feedback or suggestions for a way to improve these results?" with a "Let us know!" link. The main content area displays two search results. The first result is titled "1. Telemedicine and Healthcare Disparities: A cohort study in a large healthcare system in New York City during COVID-19" with a DOI of 10.1093/ajia/kcaa217. The second result is titled "2. Short-term forecasts and long-term mitigation evaluations for the COVID-19 epidemic in Hubei Province, China" with a DOI of 10.1016/j.idm.2020.08.001. A note at the bottom states "As an emerging infectious disease, the 2019 coronavirus disease (COVID-19) has developed into a".



Reasons for Continuing to Enhance the NSF PAR

Data Sharing and the Broader Lens of Open Science

- Recent reports, projects, and recommendations by advisory groups such as the National Academies of Science have highlighted the critical importance of open science principles and data sharing practices such as FAIR
- Similarly, members of many scientific communities have highlighted the importance of these issues in many professional venues
- The NSF has noted this emerging need and is responding to it by initiating this enhancements program for PAR
- NSF anticipates that a robust ecosystem of public repositories and data management practices will continue to emerge and evolve among disciplinary communities and in institutions



What is Staying the Same

- All of the functions and requirements in PAR 1.0 will carry over to the new PAR 2.0
- Researchers must still deposit juried papers in PAR 2.0 as previously
- The new capabilities will be OPTIONAL and not required for at least calendar 2022 year
- This is a moment to begin making plans to notify your researchers of this new capability; it is NOT a change in requirements of NSF grants.

https://par.nsf.gov/

The screenshot shows the NSF Public Access Repository (NSF-PAR) search results page for the term "COVID". The page includes a search bar with "COVID" entered, a "Find" button, and a "Sort by Relevance" dropdown. The search results are displayed in a table with columns for "Total Results" (60), "Publicly Available Full Text" (1), and "Citation Only" (59). The first result is titled "1. Telemedicine and Healthcare Disparities: A cohort study in a large healthcare system in New York City during COVID-19" and includes an abstract snippet. The second result is titled "2. Short-term forecasts and long-term mitigation evaluations for the COVID-19 epidemic in Hubei Province, China". A feedback box at the bottom left asks "Have feedback or suggestions for a way to improve these results? Let us know!".



PAR 2.0 (New Version)

Feature Enhancements

PAR 2.0 will add capability for public access to **DATASETS**

- Will enable researchers to auto-populate metadata for repositied datasets by entering a DOI
- Unlike articles, *will not require deposit of datasets* (because of extreme variations in dataset size and established disciplinary practices)
- The metadata for datasets will be searchable and displayed in NSF PAR
- Dataset reporting will be **voluntary** in this initial release



Feedback on PAR 2.0 and Future Capabilities

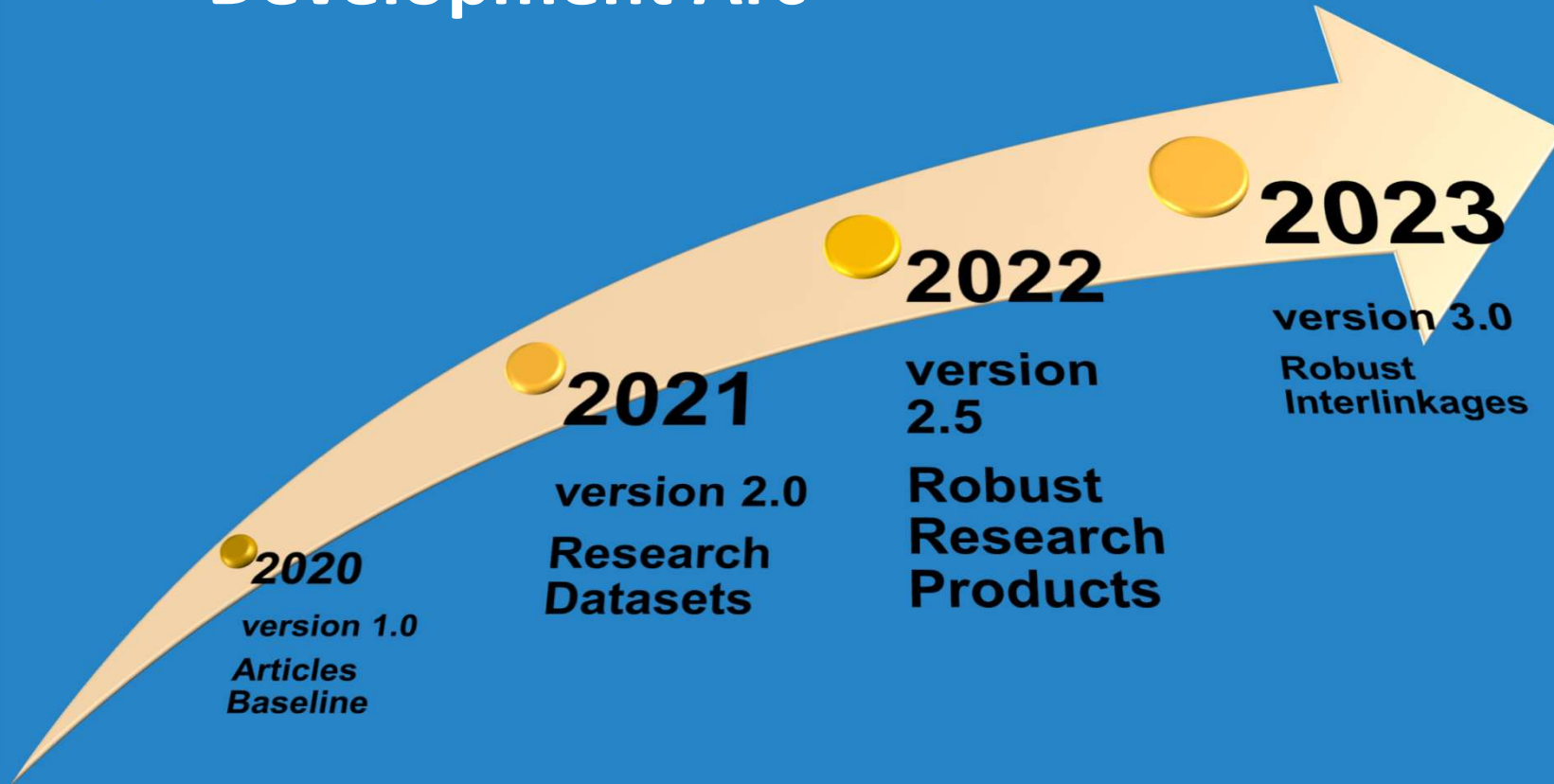
Future versions (PAR 2.5 – 3.0) will add additional needed enhancements

- Subsequent versions of PAR are anticipated to add additional research product types (e.g., software, reports, etc.) and machine-actionable interrelationships between research products
- There are a variety of questions to be explored with datasets and other research product types (metadata quality control, expectations about data dictionaries, etc.)
- The public announcement of PAR 2.0 at the November 2021 Electronic Research Administrators webinar will invite institutional research administration professionals to coordinate feedback from their communities to inform NSF about new PAR capabilities





NSF Public Access Repository Development Arc



To Provide Feedback on PAR, PAR 2.0,
and future directions please email us at:

publicaccess@nsf.gov



Unique Entity Identifier (UEI)



UEI Changes by GSA and SAM Registration

GSA Changes

UEI Implementation date: by April 4, 2022

1. DUNS ID will no longer be used to uniquely identify entities
2. Entities will use a SAM.gov-issued Unique Entity Identifier (SAM)
3. SAM.gov-issued UEI will be 12-character alpha-numeric

Benefits

- Eliminates the requirement to obtain UEI from a third-party website
- Streamlines the entity registration, identification, and validation process
- Makes it easier and less burdensome for entities to do business with the Federal Government

GSA UEI Updates

[GSA UEI Updates Page](#)



NSF Unique Entity Identifier (UEI) High-Level Overview

NSF UEI Implementation

NSF UEI Implementation: End of January 2022

1. Organization Registration on Research.gov:

- A. SAM.gov-issued UEI required
- B. DUNS ID will no longer be used or displayed
- C. Between January and April 4, 2022, users must still obtain DUNS ID and SAM.gov-issued UEI for SAM registration, per SAM requirements

2. Organization Information Updates

3. Research.gov & FastLane Display Changes:

- A. Proposal Preparation (Research.gov & FastLane)
- B. Award Notices
- C. Reporting
- D. Award Search



Organization Information Update Changes

Name & Address Updates

As of end of January 2022:

- SAM Legal Business Name and SAM Physical Address changes must be made on SAM.gov
- NSF organization information will be ***synched daily*** with SAM.gov databases
- Organization information changes for physical address will no longer be allowed through the FastLane Organization Update (at right).

Accounts Management | MAIN ▶ Organization: SUNY College at Old Westbury

User Account Organization Information Financial Representative Information

Revise Information for -- SUNY College at Old Westbury Organization ID: 0071092000

Required Fields are preceded by an asterisk (*)
Please update your financial information in your profile on www.sam.gov or contact your Grantee Cash Management Section Accountant listed at <http://www.nsf.gov/bfa/dfm/cmeab.jsp>

Organization Profile [Request Change of Organization Name](#)

*Organization Name: SUNY Old Westbury

*Address 1:

Address 2:

*City:

*State: *Zip:

*Country:

*Time Zone:

*E-mail:

*Telephone Number: 10 digits only

Fax Number: 10 digits only



NSF Organization Name & SAM Legal Business Name

- Compliance: Displaying SAM Legal Business Name and SAM Physical Address will align NSF with SAM data standards and policies
- To decrease potential confusion (see SUNY example to the right), NSF Organization Name will be displayed alongside the SAM Legal Business Name.

NSF Organization Name	SAM Legal Business Name
SUNY at Albany	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
SUNY at Binghamton	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
SUNY at Buffalo	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
SUNY College at Brockport	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
SUNY College at Buffalo	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
SUNY College at Fredonia	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
SUNY College at Geneseo	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
SUNY College at Old Westbury	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE

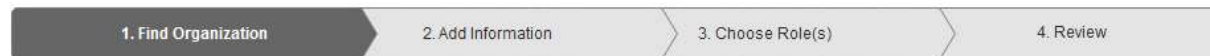


NSF Impacts and Display Changes

1. DUNS-to-UEI display & transition:
 - A. SAM.gov-issued Unique Entity Identifier will be displayed as: Unique Entity Identifier (UEI) or UEI
2. SAM Legal Business Name to be displayed alongside NSF Organization Name
3. SAM Physical Address will be the address of record for organizations registered with NSF
4. DUNS+4 (DUNS Qualifier) will be renamed ETF Indicator
5. Subawardees will need to receive a UEI from SAM – they will not need to formally register in SAM



NSF Sample Changes to Research.gov User Interface (NOTIONAL)



Find Organization

Unique Entity Identifier (UEI) [What is a UEI number?](#)

Select	Organization Name	Unique Entity Identifier (UEI)	Organization Contact(s)	Registered with NSF
<input checked="" type="radio"/>	CUNY Brooklyn College View SAM Legal Business Name	ABC123DEF456	Alan Alphaman See all (4)	Yes

Initial

Organization Name	Unique Entity Identifier (UEI)
CUNY Brooklyn College View SAM Legal Business Name	ABC123DEF456

CUNY Brooklyn College
[View SAM Legal Business Name](#)

"INST" or common name displays, followed by a link on the next line that reads, "SAM Legal Business Name," preceded by an information icon.

Infotip

Organization Name	Unique Entity Identifier (UEI)
Research Foundation of the City University of New York	

Organization Name	Unique Entity Identifier (UEI)
CUNY Brooklyn College View SAM Legal Business Name	ABC123DEF456

Clicking the link activates the infotip which displays the SAM legal business name. The infotip can be closed by clicking the link again or clicking the close "X" icon.



NSF – Sample Changes to Role Management Page (Research.gov)

SAM Legal Business Name added in the Review Fields

Research.gov
ONLINE GRANTS MANAGEMENT
FOR THE NSF COMMUNITY

Welcome Jane Smith | Sign Out (Home) | My Profile | Contact | Help | About

Search

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

Add a New Role to Prepare Proposals and Manage Awards

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

Review

Your Contact Details

Organization Name: ABC Organization
SAM Legal Business Name: Alpha Beta Charlie
Role(s): Other Authorized User
Work Email: work@email.com
Work Phone Number: (757) 843-4930

Cancel Previous Submit



NSF Proposal Cover Sheet (Proposal Submission)

Page updates:

- DUNS-to-UEI update
- NSF Organization Name will be displayed in “Name of Primary Place of Perf” unless PPOP is updated by end user
- SAM Legal Business Name will be displayed in “Name of Organization to which Award should be made” field
- SAM physical address to be displayed in “Address of Awardee Organization” field

COVER SHEET FOR PROPOSAL TO THE NATIONAL SCIENCE FOUNDATION					
PROGRAM ANNOUNCEMENT/SOLICITATION NO./DUE DATE PD 18-5115 11/27/19		<input type="checkbox"/> Special Exception to Deadline Date Policy		FOR NSF USE ONLY	
FOR CONSIDERATION BY NSF ORGANIZATION UNIT(S) (Indicate the most specific unit known, i.e. program, division, etc.) PHY - LIGO RESEARCH SUPPORT				NSF PROPOSAL NUMBER [REDACTED]	
DATE RECEIVED	NUMBER OF COPIES	DIVISION ASSIGNED	FUND CODE	DUNS# (Data Universal Numbering System)	FILE LOCATION
11/26/2019	1	03010000 PHY	1252	152606729	01/27/2021 10:10am S
EMPLOYER IDENTIFICATION NUMBER (EIN) OR TAXPAYER IDENTIFICATION NUMBER (TIN) 146013200		SHOW PREVIOUS AWARD NO. IF THIS IS <input type="checkbox"/> A RENEWAL <input type="checkbox"/> AN ACCOMPLISHMENT-BASED RENEWAL		IS THIS PROPOSAL BEING SUBMITTED TO ANOTHER FEDERAL AGENCY? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> IF YES, LIST ACRONYM(S)	
NAME OF ORGANIZATION TO WHICH AWARD SHOULD BE MADE SUNY College at Old Westbury			ADDRESS OF AWARDEE ORGANIZATION, INCLUDING 9 DIGIT ZIP CODE SUNY College at Old Westbury BOX 210 Old Westbury, NY, 115680210		
AWARDEE ORGANIZATION CODE (IF KNOWN) 0071092000					
NAME OF PRIMARY PLACE OF PERF SUNY College at Old Westbury			ADDRESS OF PRIMARY PLACE OF PERF, INCLUDING 9 DIGIT ZIP CODE SUNY College at Old Westbury BOX 210 Old Westbury, NY, 115680210, US.		
IS AWARDEE ORGANIZATION (Check All That Apply) <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> MINORITY BUSINESS <input type="checkbox"/> IF THIS IS A PRELIMINARY PROPOSAL					



NSF Award Notice (Research.gov or FastLane)

NATIONAL SCIENCE FOUNDATION
Award Notice

Award Number (FAIN): 2011731
Managing Division Abbreviation: AST Amendment Number: 000

AWARDEE INFORMATION

Award Recipient: The Research Foundation of SUNY College at Old Westbury
Award Address: 220 Old Westbury, NY 11568-0210
Official Awardee Email Address: [REDACTED]
Unique Entity Identifier (DUNS ID): 152606729

AMENDMENT INFORMATION

Amendment Type: New Project
Amendment Date: 10/18/2020
Amendment Number: 000
Proposal Number: 2011731
Amendment Description:
The National Science Foundation hereby awards a Standard Grant for support of the project described in the proposal referenced above as modified by contract/grant award 0207/2020.

AWARD INFORMATION

Award Number (NSF): 2011731
Award Instrument: Standard Grant
Award Date: 10/18/2020
Award Period of Performance: 9/01/2020 to 8/31/2023
Project Title: Collaborative Project: 3602 8950, Effect of an Evolutionary Novel Neuron Using the Long Arm of the X-chromosome
Managing Director: Elizabeth G. S. [REDACTED]
Research and Development Board: [REDACTED]
Funding Opportunity: [REDACTED]
CFDA Number and Title: 47.049 Molecular and Physical Science

FUNDING INFORMATION

Award Obligated by: [REDACTED]
Total Estimated Award Amount: \$195,219
Total Estimated Cost Share or Matching Award: \$195,219
Total Estimated Cost Share or Matching Award: \$0
Total Amount Obligated to Date: \$195,219
Budgetary Limitation: Not Applicable

PROJECT PERSONNEL

Principal Investigator: Michael Kavic Email: kavim@oldwestbury.edu Institution: SUNY College at Old Westbury

COLLABORATIVE INFORMATION

Proposal ID	Lead	PI Name	Institution
2011731	Y	John H Simonelli	Virginia Polytechnic Institute and State Univ
2011731	N	Michael Kavic	The Research Foundation of SUNY, College at

NSF CONTACT INFORMATION

Managing Grants Official (Primary Contact)	Awarding Official	Managing Program Officer
Name: Elizabeth Gabrmasdshin Email: egabrmas@nsf.gov	Name: Elizabeth Gabrmasdshin Email: egabrmas@nsf.gov	Name: Hans Albert Knimm Email: hknimm@nsf.gov

GENERAL TERMS AND CONDITIONS

This is awarded pursuant to the authority of the National Science Foundation Act of 1950, as amended (42 U.S.C. 3801-70) and is subject to Research Terms and Conditions (RTCs) dated 05/14/2017, and NSF Agency award 0207/2019, available at <https://www.nsf.gov/pubs/2019/nsf19019.pdf>.

This institution is a signatory to the Federal Acquisition Partnership (FAP) Phase II Agreement which requires active institutional participation in some or ongoing FAP demonstrations and pilots.

BUDGET

A. Senior Personnel	
Senior Personnel Count	3.00
Senior Personnel Calendar Months	0.00
Senior Personnel Academic Months	0.00
Senior Personnel Summer Months	0.00
Senior Personnel Amount	\$70,729
B. Other Personnel	
Post Doctoral Count	0.00
Post Doctoral Calendar Months	0.00

- DUNS-to-UEI
- SAM Legal Business Name will replace Award Recipient Fields.
- NSF Organization name will be retained in "Institution" field
- Institution will be changed to Organization as a field label

AWARDEE INFORMATION

Award Recipient: The Research Foundation of SUNY, College at Old Westbury
Awardee Address: [REDACTED]
Official Awardee Email Address: [REDACTED]
Unique Entity Identifier (DUNS ID): 152606729

PROJECT PERSONNEL

Principal Investigator: [REDACTED] **Email:** [REDACTED] **Institution:** SUNY College at Old Westbury

COLLABORATIVE INFORMATION

Proposal ID	Lead	PI Name	Institution
[REDACTED]	Y	[REDACTED]	Virginia Polytechnic Institute and State University
[REDACTED]	N	[REDACTED]	The Research Foundation of SUNY, College at Old Westbury

NSF Reporting – RPPR (Research.gov)

SAM Legal Business Name will be displayed alongside Organization

Project Reports

What is the difference between an Annual, Final, Interim and Project Outcomes Report?

[Download a project report template](#)
[Example Project Reports \(Demo site\)](#)

Reports Due

Reports Due < 12 Months

Report Search

All Awards

Show 25 per page

Filter by PI Name: Show All

PAGE: 1 of 1

Organization	Award Number	Award Title	Report Type	Status	Days Until Overdue	Report Overdue Date	PI Name	Action
SUNY College at Old Westbury		Developing Undergraduate Scientists through Inquiry-Based Chemistry Laboratories	Final	Due	Overdue	12/30/2020		
SUNY College at Old Westbury		Developing Undergraduate Scientists through Inquiry-Based Chemistry Laboratories	Outcomes	Due	Overdue	12/30/2020		

PAGE: 1 of 1

Export options: [CSV](#) | [Excel](#) | [XML](#)

Show 25 per page

NSF Award Search

DUNS-to-UEI
Address will reflect
SAM Physical Address
for Awardee

[Recent Awards](#)

[Presidential and
Honorary Awards](#)

[About Awards](#)

**How to Manage Your
Award**

[Grant General
Conditions](#)

[Cooperative Agreement
Conditions](#)

[Special Conditions](#)

[Federal Demonstration
Partnership](#)

[Policy Office Website](#)

Awardee:	RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, THE
Initial Amendment Date:	August 10, 2020
Latest Amendment Date:	August 10, 2020
Award Number:	2011731
Award Instrument:	Standard Grant
Program Manager:	Hans Krimm hkrimm@nsf.gov (703)292-2761 AST Division Of Astronomical Sciences MPS Direct For Mathematical & Physical Scien
Start Date:	September 1, 2020
End Date:	August 31, 2023 (Estimated)
Awardee Sponsored Research Office:	SUNY College at Old Westbury BOX 210 Old Westbury NY US 11568-0210 (516)876-3125
Sponsor Congressional District:	03
Primary Place of Performance:	SUNY College at Old Westbury BOX 210 Old Westbury NY US 11568-0210
Primary Place of Performance Congressional District:	03
DUNS ID:	152606729
Parent DUNS ID:	020657151



Migrating Proposal Preparation and Submission from FastLane to Research.gov



Research.gov Implementation – Important Notice No. 147

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

Important Notice No. 147
Research.gov Implementation Update

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

September 22, 2020

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

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

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

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

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

Dr. Sethuraman Panchanathan
Director

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



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

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

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



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

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



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

Features to help reduce proposal preparation administrative burden:

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



Research.gov Proposal Preparation Tips

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



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

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



Recent Research.gov Proposal Enhancements



Recent Research.gov Proposal Enhancements

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

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

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



Recent Enhancements: Proposal Preparation Landing Page

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

Proposal Preparation Updated Landing Page Screenshot

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

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

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

What would you like to work on?

Prepare New

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

Prepare New

What information will need to be provided?

In Progress

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

Work with In Progress

Submitted and Updates

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

View/Update Submitted

Proposal File Update (PFU) / Budget Revision

Proposal Withdrawal



Recent Enhancements: Proposal Preparation Landing Page

New submission types available as of August 30:

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

New submission type available as of October 4:

- Letter of Intent

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

The screenshot displays the 'Letters of Intent and Proposals (Preliminary, Full, and Renewal)' landing page. The page is titled 'What would you like to work on?' and features three main tiles: 'Prepare New', 'In Progress', and 'Submitted and Updates'. The 'Prepare New' tile is highlighted with a red border and contains a drop-down menu with the following options: 'Prepare New', 'Letter of Intent', 'Preliminary Proposal', 'Full Proposal', 'Renewal', and 'Accomplishment-Based Renewal'. The 'In Progress' tile has a 'Work with In Progress' button, and the 'Submitted and Updates' tile has a 'View/Update Submitted' button. Below the 'Submitted and Updates' tile, there are links for 'Proposal File Update (PFU) / Budget Revision' and 'Proposal Withdrawal'.



Recent Enhancements: Letter of Intent Preparation

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

Letter of Intent Three-step Proposal Setup Wizard

Prepare New Letter of Intent

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

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

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

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

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

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



Recent Enhancements: Preliminary Proposal Preparation (Ideas Lab Only)

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

Preliminary Proposal Three-step Proposal Setup Wizard

Prepare New Preliminary Proposal

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

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

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

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

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

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

Previous Next



Recent Enhancements: Renewals

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

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

Prepare New Renewal

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

Select Proposal Type

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

What type of proposal will be used? Proposal Types

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

Prepare New Accomplishment-Based Renewal

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

Select Proposal Type

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

What type of proposal will be used? Proposal Types

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



Recent Enhancements: Full and Renewal Proposal Preparation

Full and Renewal Proposal Four-step Proposal Setup Wizard

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

Prepare New Full Proposal

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

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

Select funding opportunity

Prepare New Renewal Proposal

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

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

Select funding opportunity

Prepare New Accomplishment-Based Renewal

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

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

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

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

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



Recent Enhancements: Proposal Types

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

Research.gov Proposal Screenshot: Full Proposal Type Options

Prepare New Full Proposal

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

Select Proposal Type

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

Current Capabilities

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

Future Capabilities

- Center Available November 2021
- Research Infrastructure Available November 2021
- Fellowship
- Small Business Innovation Research Program (SBIR)
- Small Business Technology Transfer Program (STTR)

Proposal Types Available Now

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

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



Recent Enhancements: Proposal Preparation Landing Page

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

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

The screenshot displays the 'Updated Landing Page: "In Progress" Tile Drop-down Menu Options'. The page is titled 'Letters of Intent and Proposals (Preliminary, Full, and Renewal)'. Below the title, there is a section titled 'What would you like to work on?' with three main tiles: 'Prepare New', 'In Progress', and 'Submitted and Updates'. The 'In Progress' tile is highlighted with a yellow border and contains a red-bordered drop-down menu with three options: 'Letters of Intent', 'Preliminary Proposals', and 'Proposals (Full and Renewals)'. The 'Prepare New' tile includes a 'Prepare New' button and a link for 'What information will need to be provided?'. The 'Submitted and Updates' tile includes a 'View/Update Submit...' button and links for 'Proposal File Update (PFU) / Budget Revision' and 'Proposal Withdrawal'.

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



Recent Enhancements: Proposal Preparation Landing Page

- **Submitted and Updates** tile drop-down menu includes the following options as of October 4:
 - Letters of Intent
 - Preliminary Proposals*
 - Proposals (Full and Renewals)
- Users navigate to submitted LOIs and proposals using the drop-down menu to view them or to perform a proposal file update/budget revision

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

The screenshot displays the 'Submitted and Updates' tile drop-down menu options. The menu is titled 'Submitted and Updates' and includes the following options: 'View/Update Submit...', 'Letters of Intent', 'Preliminary Proposals', and 'Proposals (Full and Renewals)'. The 'Submitted and Updates' tile is highlighted with a yellow border, and the drop-down menu is highlighted with a red border.

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

What would you like to work on?

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

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

Submitted and Updates
View or download a submitted letter of intent or proposal. Perform a Proposal File Update/Budget Revision on a submitted proposal.
View/Update Submit...
Letters of Intent
Preliminary Proposals
Proposals (Full and Renewals)

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



Biographical Sketch and Current and Pending Support



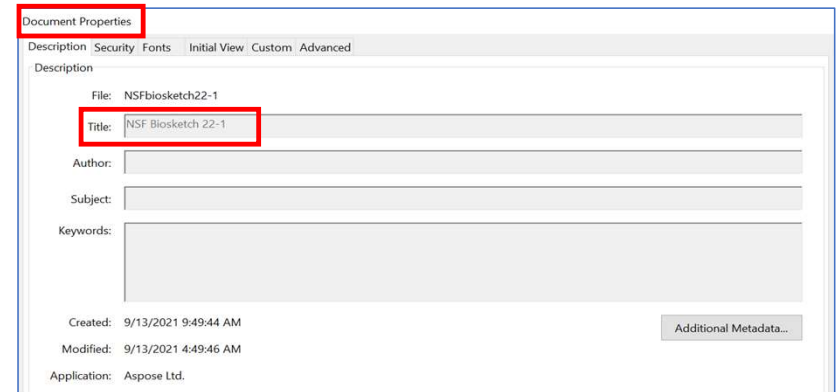
Updates to NSF-approved Biographical Sketch and Current and Pending Support Formats

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

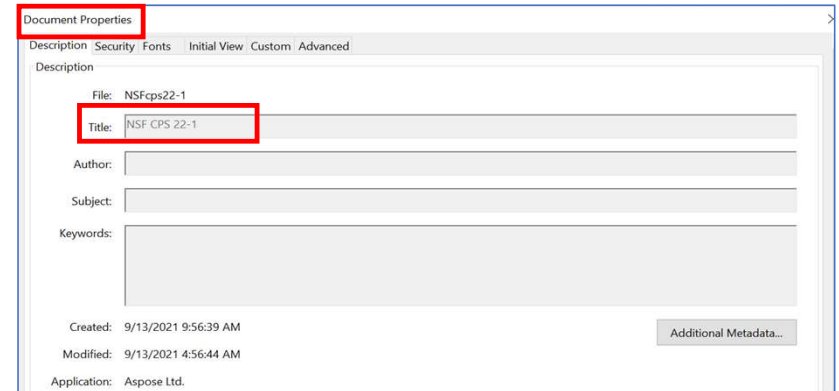


NSF-approved Format: SciENCv

- Research.gov, FastLane, and Grants.gov will ONLY accept the current versions as of October 4, 2021
- **Determining format version**
 - Right click anywhere in the SciENCv-generated PDF document and select Document Properties
 - The current versions have the titles "NSF Biosketch 22-1" and "NSF CPS 22-1"
 - The previous versions have the titles "NSF Biosketch 20-1" and "NSF CPS 20-1"
- SciENCv documents created using version 20-1 prior to October 4, 2021, are automatically converted in SciENCv to the updated 22-1 version after October 4, 2021



Document Properties screenshot: Biographical sketch



Document Properties screenshot: Current and pending support



NSF-approved Format: NSF Fillable PDFs

Research.gov, FastLane, and Grants.gov will ONLY accept the current versions as of October 4, 2021

Current Version of Biographical Sketch:

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

Effective 10/04/2021	NSF BIOGRAPHICAL SKETCH	OMB-3145-0058		
NAME:				
POSITION TITLE & INSTITUTION:				
A. PROFESSIONAL PREPARATION - (see PAPPG Chapter II.C.2.f.(1)(a))				
INSTITUTION	LOCATION	MAJOR/AREA OF STUDY	DEGREE (if applicable)	YEAR (YYYY)

Top of fillable PDF: Updated biographical sketch

Current Version of Current and Pending Support:

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

Effective 10/04/2021	NSF CURRENT AND PENDING SUPPORT	OMB-3145-0058
PI/co-PI/Senior Personnel Name:		
Required fields		

Top of fillable PDF: Updated current and pending support

Previous Version of Biographical Sketch:

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

Previous Version of Current and Pending Support:

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



Trimming Functionality for Current and Pending Support Fillable PDF



Current and Pending Support Fillable PDF Update: Trimming Functionality

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



Upcoming Research.gov Proposal Enhancements



Upcoming Enhancements Available November 22

- **New proposal types:**
 - Center
 - Research Infrastructure
- **New submission types:**
 - Preliminary Proposal (Program Solicitations other than Ideas Lab)
 - Full Proposal related to a Preliminary Proposal
- **New feature:**
 - Project Description exceeding 15 pages

Research.gov Proposal Screenshot: Full Proposal Type Options (11/22/21)

Prepare New Full Proposal

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

Select Proposal Type

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

Current Capabilities

- Research
- Planning [PAPPG I.E. 1](#)
- Rapid Response Research (RAPID) [PAPPG I.E. 2](#)
- Early-concept Grants for Exploratory Research (EAGER) [PAPPG I.E. 3](#)
- Research Advanced by Interdisciplinary Science and Engineering (RAISE) [PAPPG I.E. 4](#)
- Grant Opportunities for Academic Liaison with Industry (GOALI) [PAPPG I.E. 5](#)
- Ideas Lab [PAPPG I.E. 6](#)
- Facilitation Awards for Scientists and Engineers with Disabilities (FASED) [PAPPG I.E. 7](#)
- Conference [PAPPG I.E. 9](#)
- Equipment [PAPPG I.E. 10](#)
- Travel [PAPPG I.E. 11](#)
- Center [PAPPG I.E. 12](#) Available November 2021**
- Research Infrastructure [PAPPG I.E. 13](#) Available November 2021**

Future Capabilities

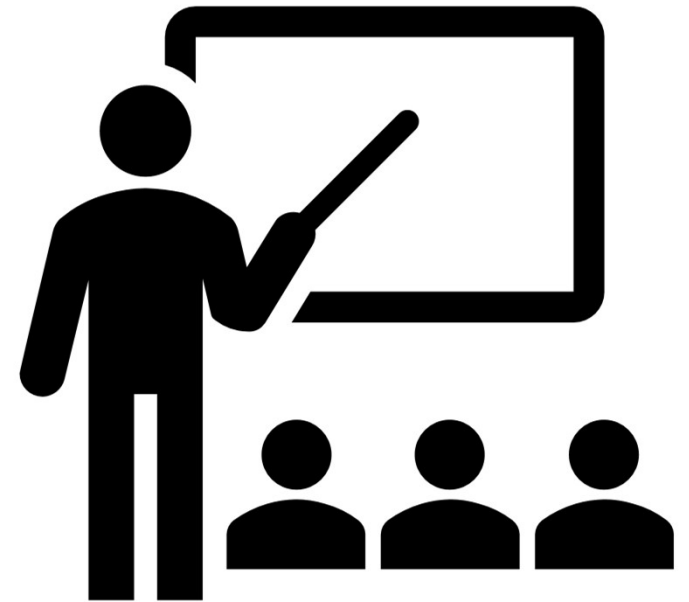
- Fellowship
- Small Business Innovation Research Program (SBR)
- Small Business Technology Transfer Program (STTR)

Previous Next



Research.gov Proposal Demo

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



DEMO

NSF PAR and Research.gov Proposal Preparation 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

Research.gov
ONLINE GRANTS MANAGEMENT
FOR THE NSF COMMUNITY

DEMO

Proposal Preparation Demo Site

Demo user: Principal Investigator (PI)

< Return to Research.gov

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

What would you like to work on?

Prepare New

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

Prepare New

What information will need to be provided?

In Progress

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

Work with In Progress

Submitted and Updates

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

View/Update



Research.gov Proposal Training Resources

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

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

Research.gov About Proposal Preparation and Submission Page

About Proposal Preparation and Submission

The Research.gov Proposal Submission System modernizes proposal preparation and submission capabilities by improving the user experience while also reducing administrative burden through an intuitive interface and expanded automated proposal compliance checking. Research.gov is being developed incrementally, and features are expanding to support the transition of all proposal preparation and submission functionality from FastLane to Research.gov by a target date of December 31, 2022. 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 upload
- PDF uploads are not altered
- Minimize Return without Reviews due to some formatting issues
- On-screen references to relevant sections of the *Proposal & Award Policies & Procedures Guide (PAPPG)*
- Better management of personnel and subawards
- Improved performance and less system downtime

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

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

There are multiple ways to provide feedback and stay informed:

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

When to Use Research.gov

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
- 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
 - FASED
 - Equipment
 - Travel
 - Conference
 - Ideas Lab Preliminary Proposals

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

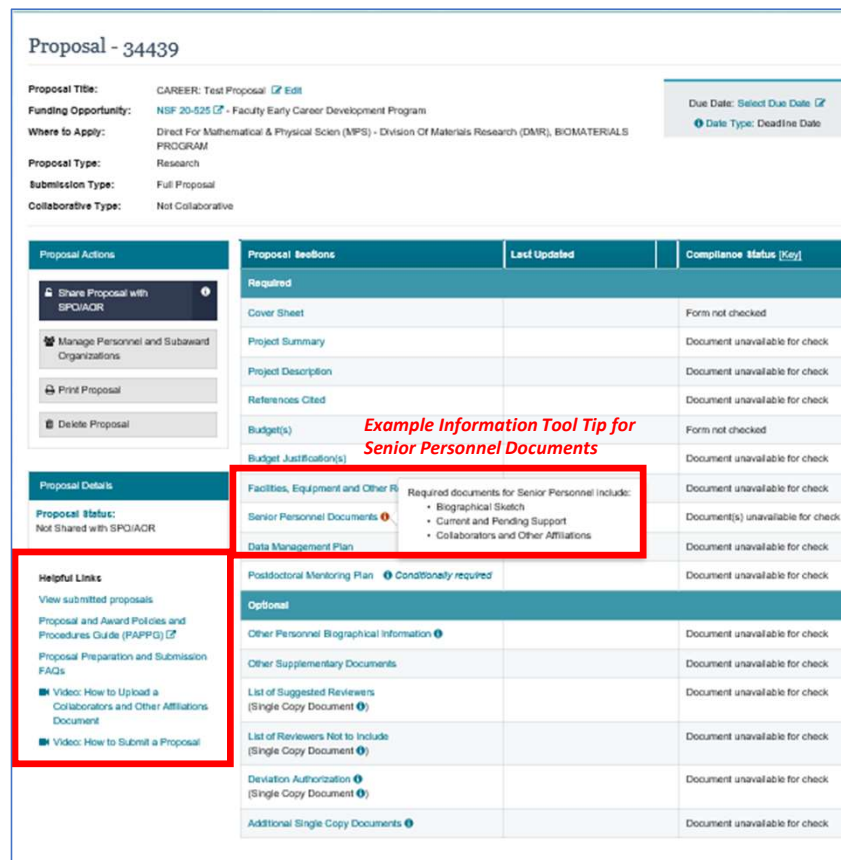


Research.gov Proposal Training Resources (cont'd)

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

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

Proposal Main Page Example



Proposal - 34439

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

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


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

Proposal Type: Research

Submission Type: Full Proposal

Collaborative Type: Not Collaborative

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

Proposal Actions	Proposal Sections	Last Updated	Compliance Status [Key]
Share Proposal with SPO/ACR Manage Personnel and Subaward Organizations Print Proposal Delete Proposal	Required		
	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
Proposal Details Proposal Status: Not Shared with SPO/ACR	Budget Justification(s)		Document unavailable for check
	Facilities, Equipment and Other Resources		Document unavailable for check
	Senior Personnel Documents 	Required documents for Senior Personnel include: <ul style="list-style-type: none">• Biographical Sketch• Current and Pending Support• Collaborators and Other Affiliations	Document(s) unavailable for check
	Data Management Plan		Document unavailable for check
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 Video: How to Submit a Proposal	Postdoctoral Mentoring Plan Info Conditionally required		Document unavailable for check
	Optional		
	Other Personnel Biographical Information Info		Document unavailable for check
	Other Supplementary Documents		Document unavailable for check
	List of Suggested Reviewers (Single Copy Document Info)		Document unavailable for check
	List of Reviewers Not to Include (Single Copy Document Info)		Document unavailable for check
	Deviation Authorization (Single Copy Document Info)		Document unavailable for check
Additional Single Copy Documents Info		Document unavailable for check	



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



Contacts for Questions

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





Next Steps and ERA Forum Resources

Post-webinar Survey

- <https://www.surveymonkey.com/r/NSFFall2021ERASurvey>

ERA Forum Email

- Questions pertaining to the presentation can be sent to nsferaforum@nsf.gov
- If you are interested in participating in future application usability studies, please send an email with your contact information to nsferaforum@nsf.gov

Subscribe to ERA Forum Listserv

- Send an email to Nsf-era-forum-subscribe-request@listserv.nsf.gov

NSF ERA Forum Website:

- Agenda and presentation slides will be available soon on the ERA Forum website at: https://www.nsf.gov/bfa/dias/policy/era_forum.jsp.



**Thank you for participating in today's ERA Forum
Webinar**



Appendix



Research.gov Proposal Compliance Error and Warning Messages

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



Research.gov Proposal Preparation Demo Site Tips

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



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

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



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 Opportunit
- A-Z Index of Funding Op
- 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

Appendix: Research.gov Demo Screenshots



Appendix: Research.gov Letter of Intent Demo Screenshots



Demo: Letter of Intent

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

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

What would you like to work on?

Prepare New

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

- Prepare New
- Letter of Intent**
- Preliminary Proposal
- Full Proposal
- Renewal Proposal
- Accomplishment-Based Renewal

In Progress

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

- Work with In Progress

Submitted and Updates

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

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

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



Demo: Letter of Intent Setup Wizard

- Indicator shows required three step letter of intent setup process

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

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

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

Prepare New Letter of Intent

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

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

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

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

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

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



Demo: Letter of Intent Setup Wizard

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

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

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

Prepare New Letter of Intent

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

Select Where to Apply

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

Funding Opportunity
NSF 20-610 - CISE Community Research Infrastructure

Primary Organization
Select Primary Organization ▼

Secondary Organization (Optional)
Select Primary Organization first ▼

Tertiary Organization (Optional)
Select Secondary Organization first ▼

Previous Next



Demo: Letter of Intent Setup Wizard

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

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

Prepare New Letter of Intent

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

Enter Letter of Intent Title

Letter of Intent Title

25 of 180 characters

Previous Prepare Letter of Intent

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



Demo: Letter of Intent Main Page

Attention: Research.gov now supports preparation and submission of many proposal types including community research infrastructure. For more information, see Research.gov Proposal Submission Capabilities for details.

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

Letter of Intent - 1038

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

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

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

Submission Type: Letter of Intent

PI Organization: Virginia Commonwealth University

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

Letter of Intent Sections	Last Updated	Compliance Status <small>(Key)</small>
Required		
Project Synopsis		Document unavailable for check
Organization and Project Information		Form not checked
Optional		
Other Comments		Form not checked

Letter of Intent Actions

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

Letter of Intent Details

Letter of Intent Status: Saved

Helpful Links

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

• Inline edit of the title

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

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



Appendix: Research.gov Full Proposal Demo Screenshots



Demo: Proposal Setup Wizard

Prepare New Full Proposal

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

Select Proposal Type

What type of proposal will be used? ⓘ Proposal Types

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

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 (ENG) - 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
		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

My Desktop Prepare & Submit Proposals Awards & Reporting Manage Fin

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

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

Project Summary

- Your file contains an unallowable font type. Please update your file and try uploading it again. ✕
- Your file does not include the required document section heading of Broader Impacts. Please update your file and try uploading it again. ✕
- Your file contains a left document margin that is less than one inch. Please update your file and try uploading it again. ✕

Instructions to upload Project Summary:

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

Browse for file to upload

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

• Documents are inspected to ensure machine readable text for analysis

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



Demo: Separately Submitted Collaborative Proposals

My Desktop > Proposals > Prepare New Full Proposal

Prepare New Full Proposal

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

Proposal Details

What type of proposal are you submitting?

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

Separately submitted collaborative proposal [?](#)

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

Lead proposer [Details](#)

Non-lead proposer

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](#)

Proposal Title

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

96 of 180 characters

Previous Prepare Proposal

• Collaborative Research will be pre fixed to the title



Demo: Separately Submitted Collaborative Proposals - Linking

Collaborative Research will be pre fixed to the title

1

2

3

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 (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 (Lead proposal)

Due Date: Accepted Anytime

Proposal Actions

- Share Proposal with SPO/AOR
- Manage Personnel and Subaward Organizations
- Link/View Collaborative Proposals
- Print Proposal
- Delete Proposal

Proposal Sections

- Required
- Cover Sheet
- Project Summary
- Researcher Information
- Researcher(s) Cited
- Budget(s)
- Budget Justification(s)
- Facilities, Equipment and Other Resources

Link Collaborative Proposals

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

Temporary ID Number

1

Note: Once proposals are linked, the Principal Investigator's contact information will be shared.

Send Link Request Cancel

My Desktop > Proposal Preparation > Proposal - 15080 > Link/View Collaborative Proposals

Link/View Collaborative Proposals

You have successfully invited Proposal - 15081 to link to this proposal. The proposals will become linked once the non-lead views their proposal and accepts the link.

Collaborative Proposals

Temporary ID Number	Principal Investigator	Organization	Proposal Status	Actions
Link request pending: 1 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 Actions	Proposal Sections	Last Updated	Compliance Status [Key]
Share Proposal with SPO/AOR Manage Personnel and Subaward Organizations Link/View Collaborative Proposals Print Proposal Delete Proposal	Required		
	Cover Sheet		Form not checked
	Budget(s)		Form not checked
	Budget Justification(s)		Document unavailable for check
	Facilities, Equipment and Other Resources		Document unavailable for check
	Senior Personnel Documents		Document(s) unavailable for check
Proposal Details Proposal Status: Not Shared with SPO/AOR	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
Helpful Links	List of Reviewers Not to Include (Single-copy document)		Document unavailable for check
View submitted proposals			

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

Accept Link Request Reject Link Request Decide Later



Demo: Separately Submitted Collaborative Proposals - Non-lead

My Desktop > Proposal Preparation > Proposal - 15081

Proposal - [redacted]

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

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

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

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

Proposal Type: Research

Submission Type: Full Proposal

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

Due Date: Accepted Anytime
Date Types

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

Proposal Details

Proposal Status: Not Shared with SPO/AOR

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



Demo: Senior Personnel Documents

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

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

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

Senior Personnel Documents

Show: All Organizations

Expand all | Collapse all

Manage Organizations and Personnel

Personnel Name	Role	Organization (Prime/Subaward)												
<ul style="list-style-type: none"> <table border="1"> <thead> <tr> <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	Principal Investigator	Cornell University (Prime)
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												
<ul style="list-style-type: none"> Co-Pi Prime Test 	co-Principal Investigator	Cornell University (Prime)												
<ul style="list-style-type: none"> 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	Funds	
A. Senior Personnel [Manage]	1	1.00	\$70,000	1	1.00	\$70,000	\$140,000
Ricky I Researcher (PI)	1		\$ 70,000	1		\$ 70,000	\$140,000
B. Other Personnel	11		\$10,100	11		\$10,100	\$20,200
Postdoctoral Scholars	1	12	\$ 10,000	1	12	\$ 10,000	\$20,000
Other Professionals	0	0.00	\$ 0	0	0.00	\$ 0	\$0
Graduate Students	10		\$ 100	10		\$ 100	\$200
Undergraduate Students	0		\$ 0	0		\$ 0	\$0
Administrative/Clerical	0		\$ 0	0		\$ 0	\$0
Other	0		\$ 0	0		\$ 0	\$0
C. Fringe Benefits			\$0			\$0	\$0

• Rows expand and collapse for easy navigation

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

• Multiple years displayed on one screen



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]
<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



Demo: Proposal File Update/Budget Revision

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

Proposal File Update/Budget Revision

For Proposal - [REDACTED]

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

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

[View last submitted version](#)

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

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

Proposal Details

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

• Budget Revision Status

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



Demo: Proposal File Update/Budget Revision

My Desktop > Proposal Preparation > Submitted Proposals

Submitted Proposals

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

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

• Assigned for Review



Demo: Proposal File Update/Budget Revision

Proposal - [redacted]

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

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
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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]
<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	
<input checked="" type="radio"/> A. Senior Personnel [Manage] <input type="text"/> PI)	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%

