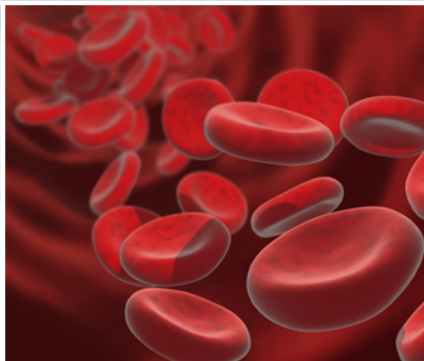




National Science Foundation IT Modernization

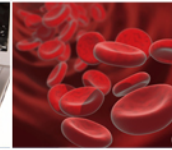
Bill Daus, Robin Pentola

Sept 6, 2018





WHERE DISCOVERIES BEGIN



Agenda

- Research.gov Upcoming Changes
- Research.gov Screen Preview
- NSF.gov Redesign
- Breakout Discussions



Coming Soon: Proposal Prep

Key updates include:

- **Enhanced flexibility for PDF Upload Sections!**
 - PDF compliance checking enhancements to increase flexibility including additional font type/size updates
 - Warnings for unsupported font size(s) and font type(s)
 - Initial support for LaTeX source PDF documents
- COA updates to expand column sizes, special character handling, and instructional updates
- Video script job aids embedded on user interface screens
- Addition of PI column on In-Progress Proposals Screen
- iText (PDF generation and compliance checking) and Ember (frontend framework) upgrades

Release will be available on September 24, 2018



Coming Soon: Account Mgmt

Administrators can remove users that have not been migrated to the new account management system

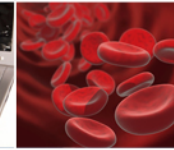
- FastLane users that have not onboarded to Research.gov Account Management

Release will be available on October 22, 2018

NSF is continuing to reconcile duplicate accounts and we encourage people to open tickets with ITHC if they need to have their accounts fixed. The process is moving much faster now, but we still have a high volume of tickets. This Fall, we plan to start contacting users using aliases as their primary email address. These users will be asked to provide individual email addresses, if they have not already done so, because NSF is not supporting aliases for account recovery email addresses.



WHERE DISCOVERIES BEGIN



Stay in touch

- Listserv to get updates on events and enhancements to Research.gov and/or FastLane. Sign up by sending an email to: system_updates-subscribe-request@listserv.nsf.gov
- System-to-System Partners of NSF listserv. Send subscription request email to: s2s_partners-subscribe-request@listserv.nsf.gov
- [Automated Proposal Compliance Checks](#)
- [Account Management FAQ](#)
- [Proposal Submission Modernization FAQ](#) (Now with videos!)
- [NSF ERA Forum](#) - https://www.nsf.gov/bfa/dias/policy/era_forum.jsp



Collaborative Proposal with Subawards:

Add a Subaward Organization Scenario





WHERE DISCOVERIES BEGIN



A collaborative proposal with subawards is started

The user will navigate to Manage Organizations and Personnel to add a Subaward Organization

Proposal - 7654321

Proposal Title: Collaborative Research: Using Anthropology as a Forensic Science and How it Effects Modern Culture 
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
SubmissionType: Full Proposal

Due Date: 08/31/2018


 Date type: Deadline

Proposal Actions

Share Proposal with SPO/AOR

Print Proposal

Organizations and Personnel

 **Proposal Status:**
Not Shared with SPO/AOR

Manage Organizations and Personnel

Collaborative Status

Singularly submitted with subawards


Helpful Links

[View submitted proposals](#)

[Proposal and Award Policies and Procedures Guide \(PAPPG\)](#) 

Proposal Sections

Last Updated

Compliance Status 

Required

[Cover Sheet](#)

Form not checked

[Project Summary](#)

Document unavailable for check

[Project Description](#)

Document unavailable for check

[References Cited](#)

Document unavailable for check

[Budgets](#)

Form not checked

[Budget Justification](#)

Document unavailable for check

[Facilities, Equipment, and Other Resources](#)


Document unavailable for check

[Senior Personnel Documents](#) 

Document unavailable for check

[Data Management Plan](#)

Document unavailable for check

[Postdoctoral Mentoring Plan](#)  *Conditionally required*

Optional

[Other Personnel Biographical Information](#) 

Document unavailable for check

[Other Supplementary Documents](#)

Document unavailable for check

[List of Suggested Reviewers](#) 

Document unavailable for check

[List of Reviewers Not to Include](#)

Document unavailable for check

Manage Organizations and Personnel

The Awardee Organization is automatically displayed based on the PI on the proposal

Organizations

Personnel

| Awardee Organization | | | |
|----------------------|-------------|------------------------|---|
| Organization Name | DUNS Number | Principal Investigator | Address |
| 123 Institution | 123456789 | Jane Smith | 4201 Wilson Boulevard Building 3 Arlington, VA 22200-1234, US |

| Subaward Organization(s) | | | | |
|--------------------------|---------------|---------------|---------|---------------------------|
| | | | | Add Subaward Organization |
| Organization Name ^ | DUNS Number ◆ | Subaward PI ◆ | Address | Actions |

There are currently no Subaward Organizations

A Subaward Organization can be added



Add Subaward Organization

First, search for an organization by name or DUNS number

1. Select Subaward Organization
2. Assign Subaward PI
3. Review Subaward Information

Select Subaward Organization

Search for and add a subaward organization registered with NSF. If the subaward organization has not yet registered, please refer to the [registration instructions](#).

Organization Name

ABC

OR

DUNS Number

Search

| Select | Organization Name | DUNS Number | Address |
|----------------------------------|-------------------|-------------|---|
| <input checked="" type="radio"/> | ABC Institution | 987654321 | 5115 Hampton Boulevard Norfolk, VA 23529, US |

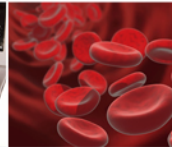
Previous

Next

After selecting the Subaward Organization the user can proceed to the next step



WHERE DISCOVERIES BEGIN



Next, search for the Subaward PI by NSF ID or email address

Add Subaward Organization

1. Select Subaward Organization ✓

2. Assign Subaward PI

3. Review Subaward Information

Assign Subaward Principal Investigator (PI)

Selected Subaward Organization: ABC Institution

Search for a Subaward PI:

NSF ID

3333333

OR

Email

Search

| Select | Personnel Name | NSF ID | Email | Organization |
|----------------------------------|----------------|-----------|----------------|-----------------|
| <input checked="" type="radio"/> | Terry Demo | 333333333 | t*****@abc.org | ABC Institution |

After selecting Subaward PI the user can proceed to the next step

Previous

Next



WHERE DISCOVERIES BEGIN



Confirm the information, and the Subaward Organization and Subaward PI will be added

Add Subaward Organization

1. Select Subaward Organization ✓

2. Assign Subaward PI ✓

3. Review Subaward Information

Review Subaward Information

The following Subaward Organization will be added:

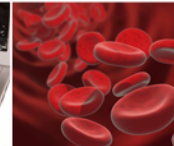
| Organization Name | DUNS Number | Address |
|-------------------|-------------|---|
| ABC Institution | 987654321 | 5115 Hampton Boulevard Norfolk, VA 23529, US |

The following person will be assigned as the Subaward PI, and added to the proposal personnel:

| Personnel Name | NSF ID | Email | Role | Organization |
|----------------|-----------|----------------|-------------|-----------------|
| Terry Demo | 333333333 | t*****@abc.org | Subaward PI | ABC Institution |

Previous

Confirm Subaward Information



The Subaward Organization and Subaward PI are successfully added

Manage Organizations and Personnel

✔ You have successfully added a Subaward Organization, which will be displayed in both the budget and budget justification sections of your proposal. Additionally, the Subaward PI was added to the Personnel tab. ✕

Organizations

Personnel

Awardee Organization

| Organization Name | DUNS Number | Principal Investigator | Address |
|-------------------|-------------|------------------------|---|
| 123 Institution | 123456789 | Jane Smith | 4201 Wilson Boulevard Building 3 Arlington, VA 22200-1234, US |

Subaward Organization(s)

Add Subaward Organization

| Organization Name ^ | DUNS Number ^ | Subaward PI ^ | Address | Actions |
|---------------------|---------------|---------------|---|--|
| ABC Institution | 987654321 | Terry Demo | 5115 Hampton Boulevard Norfolk, VA 23529, US | Change Subaward PI Delete Subaward Organization |



Collaborative Proposal with Subawards:

Personnel – Version 1 Scenario



Personnel from both the Awardee Organization and Subaward Organization(s) are displayed on one tab

Manage Organizations and Personnel

Organizations

Personnel

Senior Personnel Roles

Senior Personnel

Add co-Principal Investigator

Add Other Senior Personnel

| Personnel Name | Role | Organization | Actions |
|----------------|------------------------|-----------------|----------------------|
| Jane Smith | Principal Investigator | 123 Institution | Remove from Proposal |
| Terry Demo | Subaward PI | ABC Institution | Remove from Proposal |
| Jeff Stellar | Other Senior Personnel | | Remove from Proposal |

Other Authorized User(s)

Add Other Authorized User

| Personnel Name | Organization | Actions |
|----------------|-----------------|----------------------|
| Helen Anderson | 123 Institution | Remove from Proposal |

To add a new co-PI, click the Add co-Principal Investigator button



The user will perform a search by NSF ID or email address

Add co-Principal Investigator (co-PI)

Search for co-PI:

NSF ID

1234567

OR

Email

Search

Select

Personnel Name

NSF ID

Email

Organization



Samantha Jones

1234567

s*****@abc.org

ABC Institution

Add Personnel

Cancel

After selecting the co-PI, the user adds this person to the proposal



WHERE DISCOVERIES BEGIN



The co-PI is successfully added to the proposal

Manage Organizations and Personnel

Organizations

Personnel

✓ A co-Principal Investigator has been successfully added to the proposal and will now have the ability to make changes to any section. An email has been sent with instructions for accessing the proposal. All other personnel with access to the proposal will also be notified by email. ✕

Senior Personnel Roles

Senior Personnel

Add co-Principal Investigator

Add Other Senior Personnel

| Personnel Name ▾ | Role ▾ | Organization ▾ | Actions |
|------------------|---------------------------|-----------------|--------------------------------------|
| Jane Smith | Principal Investigator | 123 Institution | Remove from Proposal |
| Terry Demo | Subaward PI | ABC Institution | Remove from Proposal |
| Samantha Jones | co-Principal Investigator | ABC Institution | Remove from Proposal |
| Jeff Stellar | Other Senior Personnel | | Remove from Proposal |

Other Authorized User(s) - Data preparation only ⓘ

Add Other Authorized User

| Personnel Name ▾ | Organization ▾ | Actions |
|------------------|-----------------|--------------------------------------|
| Helen Anderson | 123 Institution | Remove from Proposal |

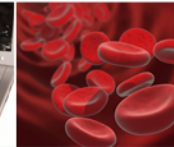


Collaborative Proposal with Subawards:



Personnel – Version 2 Scenario




WHERE DISCOVERIES BEGIN



Proposal - 7654321

Proposal Title: Collaborative Research: Using Anthropology as a Forensic Science and How it Effects Modern Culture 
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
SubmissionType: Full Proposal

Due Date: 08/31/2018


 Date type: Deadline

Proposal Actions

Share Proposal with
SPO/AOR

Print Proposal

Organizations and Personnel

 **Proposal Status:**
Not Shared with SPO/AOR

Manage Organizations
and Personnel

Collaborative Status

Singularly submitted with
subawards


Helpful Links

[View submitted proposals](#)

[Proposal and Award Policies and
Procedures Guide \(PAPPG\)](#) 

Proposal Sections

Last Updated

Compliance Status 

Required

[Cover Sheet](#)

Form not checked

[Project Summary](#)

Document unavailable for check

[Project Description](#)

Document unavailable for check

[References Cited](#)

Document unavailable for check

[Budgets](#)

Form not checked

[Budget Justification](#)

Document unavailable for check

[Facilities, Equipment, and Other Resources](#)


Document unavailable for check

[Senior Personnel Documents](#) 

Document unavailable for check

[Data Management Plan](#)

Document unavailable for check

[Postdoctoral Mentoring Plan](#)  *Conditionally required*

Optional

[Other Personnel Biographical Information](#) 

Document unavailable for check

[Other Supplementary Documents](#)

Document unavailable for check

[List of Suggested Reviewers](#) 

Document unavailable for check

[List of Reviewers Not to Include](#)

Document unavailable for check

The user navigates
to Manage
Organizations and
Personnel



In this version, each organization has a separate screen for personnel

Manage Organizations and Personnel

| Awardee Organization | | | |
|----------------------|-------------|------------------------|----------------------------------|
| Organization Name | DUNS Number | Principal Investigator | Actions |
| 123 Organization | 123456789 | Jane Smith | Manage Personnel |

| Subaward Organization(s) | | | |
|--------------------------|---------------|---------------|---|
| | | | Add Subaward Organization |
| Organization Name ^ | DUNS Number ^ | Subaward PI ^ | Actions |
| ABC Organization | 987654321 | Terry Demo | Manage Subaward Personnel Delete Subaward Organization |



All personnel for the Subaward Organization can be added on one screen

Manage Subaward Personnel

For ABC Institution

 [Senior Personnel Roles](#)

| Senior Personnel | | | Add co-Principal Investigator | Add Other Sr. Personnel |
|------------------|------------------------|-----------------|---|---|
| Personnel Name | Role | Organization | Actions | |
| Terry Demo | Subaward PI | ABC Institution | Remove from Proposal | |
| Jeff Stellar | Other Senior Personnel | | Remove from Proposal | |

| Other Authorized User(s) - Data preparation only  | | | Add Other Authorized User |
|--|--------------|---------|---|
| Personnel Name | Organization | Actions | |

No Other Authorized Users have been added



The user will perform a search by NSF ID or email address

Add co-Principal Investigator (co-PI)

Search for co-PI:

NSF ID

1234567

OR

Email

Search

| Select | Personnel Name | NSF ID | Email | Organization |
|----------------------------------|----------------|---------|----------------|-----------------|
| <input checked="" type="radio"/> | Samantha Jones | 1234567 | s*****@abc.org | ABC Institution |

Add Personnel

Cancel

After selecting a co-PI, the user adds this person to the Subaward Personnel



The co-PI is successfully added to the Subaward personnel

Manage Subaward Personnel

For ABC Institution

A co-Principal Investigator has been successfully added to the proposal and will now have the ability to make changes to any section. An email has been sent with instructions for accessing the proposal. All other personnel with access to the proposal will also be notified by email.

Senior Personnel Roles

Senior Personnel

Add co-Principal InvestigatorAdd Other Sr. Personnel

| Personnel Name | Role | Organization | Actions |
|----------------|---------------------------|-----------------|--------------------------------------|
| Terry Demo | Subaward PI | ABC Institution | Remove from Proposal |
| Samantha Jones | co-Principal Investigator | ABC Institution | Remove from Proposal |
| Jeff Stellar | Other Senior Personnel | | Remove from Proposal |

Other Authorized User(s) - Data preparation only

Add Other Authorized User

| Personnel Name | Organization | Actions |
|----------------|--------------|---------|
|----------------|--------------|---------|

No Other Authorized Users have been added



Collaborative Proposal with Subawards:



Budget Scenario



Budgets are available for the Awardee Organization, and any added Subaward Organizations

The total requested amount includes the Awardee Organization and any Subaward Organizations

Budget(s)

| Awardee Organization | | | | |
|---------------------------------|------------------------|--|--------------------|---|
| Budget for: | Principal Investigator | Total Requested Amount  | Last Updated | Compliance Status [Key] |
| 123 Institution | Jane Smith | \$ 120, 263 | 09/15/2016 2:06 PM |  No issues found |

| Subaward Organization(s) | | | | |
|---------------------------------|-------------|---------------------------|--------------|---|
| Budget for: | Subaward PI | Subaward Requested Amount | Last Updated | Compliance Status [Key] |
| ABC Institution | Terry Demo | \$ 0 | | Form not checked |

Click the Organization name to view and/or edit the budget



Budget (Awardee Organization)

For 123 Institution

\$ 0
Project Total Requested Amount

* Information is required for at least one year for this line

[Expand all rows](#) | [Collapse all rows](#)

Years in budget: 1

[Add Year](#)

[Delete Year](#)

Personnel Direct Costs

| Section | Year 1 | | | Total Funds Requested |
|--|-------------|--------|-------|-----------------------|
| | # Personnel | Months | Funds | |
| A. Senior Personnel [Manage] | 3 | 00.00 | \$ 0 | \$ 0 |
| * Jane Smith (PI) | | 0.00 | \$ 0 | \$ 0 |
| B. Other Personnel | 0 | | \$ 0 | \$ 0 |
| Postdoctoral Scholars | 0 | 0.00 | \$ 0 | \$ 0 |
| Other Professionals | 0 | 0.00 | \$ 0 | \$ 0 |
| Graduate Students | 0 | | \$ 0 | \$ 0 |
| Undergraduate Students | 0 | | \$ 0 | \$ 0 |
| Administrative/Clerical | 0 | | \$ 0 | \$ 0 |
| Other | 0 | | \$ 0 | \$ 0 |
| C. Fringe Benefits | | | \$ 0 | \$ 0 |
| | | | \$ 0 | |
| Total Salaries, Wages & Fringe Benefits (A-C) | | | \$ 0 | \$ 0 |

Additional Direct Costs

| Section | Year 1 | | | Total Funds Requested |
|---|----------------|-------|------|-----------------------|
| | # Participants | Funds | | |
| D. Equipment [+] | | | \$ 0 | \$ 0 |
| + Add Equipment | | | | |
| E. Travel | | | \$ 0 | \$ 0 |
| US, territories, and possessions | | \$ 0 | \$ 0 | \$ 0 |
| Foreign | | \$ 0 | \$ 0 | \$ 0 |
| F. Participant Support Costs | | | \$ 0 | \$ 0 |
| Number of Participants | 0 | | | |
| Stipends | | \$ 0 | \$ 0 | \$ 0 |
| Travel | | \$ 0 | \$ 0 | \$ 0 |
| Subsistence | | \$ 0 | \$ 0 | \$ 0 |
| Other | | \$ 0 | \$ 0 | \$ 0 |
| G. Other Direct Costs | | | \$ 0 | \$ 0 |
| Materials and Supplies | | \$ 0 | \$ 0 | \$ 0 |
| Publication Costs/Documentation/Distrib | | \$ 0 | \$ 0 | \$ 0 |
| Consultant Services | | \$ 0 | \$ 0 | \$ 0 |
| Computer Services | | \$ 0 | \$ 0 | \$ 0 |
| Subaward: ABC Institution | | \$ 0 | \$ 0 | \$ 0 |
| Other | | \$ 0 | \$ 0 | \$ 0 |
| H. Total Direct Costs (A-G) | | | \$ 0 | \$ 0 |

A budget is available for the Awardee Organization, and for each Subaward Organization

Budget (Subaward)

For ABC Institution

\$ 0
Subaward Total Requested Amount

* Information is required for at least one year for this line

[Expand all rows](#) | [Collapse all rows](#)

Years in budget: 1

[Add Year](#)

[Delete Year](#)

Personnel Direct Costs

| Section | Year 1 | | | Total Funds Requested |
|--|-------------|--------|-------|-----------------------|
| | # Personnel | Months | Funds | |
| A. Senior Personnel [Manage] | 3 | 00.00 | \$ 0 | \$ 0 |
| * Terri Cerno (Subaward PI) | | 0.00 | \$ 0 | \$ 0 |
| * Samantha Jones (Other Sr Personnel) | | 0.00 | \$ 0 | \$ 0 |
| * Jeff Stellar (Other Sr Personnel) | | 0.00 | \$ 0 | \$ 0 |
| B. Other Personnel | 0 | | \$ 0 | \$ 0 |
| Postdoctoral Scholars | 0 | 0.00 | \$ 0 | \$ 0 |
| Other Professionals | 0 | 0.00 | \$ 0 | \$ 0 |
| Graduate Students | 0 | | \$ 0 | \$ 0 |
| Undergraduate Students | 0 | | \$ 0 | \$ 0 |
| Administrative/Clerical | 0 | | \$ 0 | \$ 0 |
| Other | 0 | | \$ 0 | \$ 0 |
| C. Fringe Benefits | | | \$ 0 | \$ 0 |
| | | | \$ 0 | |
| Total Salaries, Wages & Fringe Benefits (A-C) | | | \$ 0 | \$ 0 |

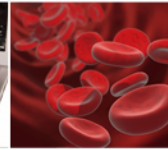
Additional Direct Costs

| Section | Year 1 | | | Total Funds Requested |
|---|----------------|-------|------|-----------------------|
| | # Participants | Funds | | |
| D. Equipment [+] | | | \$ 0 | \$ 0 |
| + Add Equipment | | | | |
| E. Travel | | | \$ 0 | \$ 0 |
| US, territories, and possessions | | \$ 0 | \$ 0 | \$ 0 |
| Foreign | | \$ 0 | \$ 0 | \$ 0 |
| F. Participant Support Costs | | | \$ 0 | \$ 0 |
| Number of Participants | 0 | | | |
| Stipends | | \$ 0 | \$ 0 | \$ 0 |
| Travel | | \$ 0 | \$ 0 | \$ 0 |
| Subsistence | | \$ 0 | \$ 0 | \$ 0 |
| Other | | \$ 0 | \$ 0 | \$ 0 |
| G. Other Direct Costs | | | \$ 0 | \$ 0 |
| Materials and Supplies | | \$ 0 | \$ 0 | \$ 0 |
| Publication Costs/Documentation/Distrib | | \$ 0 | \$ 0 | \$ 0 |
| Consultant Services | | \$ 0 | \$ 0 | \$ 0 |
| Computer Services | | \$ 0 | \$ 0 | \$ 0 |
| Subawards | | \$ 0 | \$ 0 | \$ 0 |
| Other | | \$ 0 | \$ 0 | \$ 0 |
| H. Total Direct Costs (A-G) | | | \$ 0 | \$ 0 |

The Awardee Organization budget contains a line for each Subaward, which is automatically populated based on the total per year in the Subaward budget



WHERE DISCOVERIES BEGIN



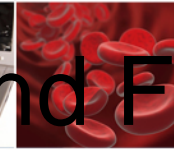
NSF.gov Redesign





WHERE DISCOVERIES BEGIN

NSF.gov Redesign: Find Funding



...Your Opinion counts

HELP IMPROVE

**THE FIND
FUNDING
EXPERIENCE**



DAS/IDB

***Building a better
web together.***



Building a Better Web Together

- NSF's website is undergoing a complete redesign.
- The Information Dissemination Branch/User Experience Section (IDB/UX) is reviewing parts of the site before the content migrates to the new system.
- One of the first areas for review is the "Find Funding" page.



WHERE DISCOVERIES BEGIN

Current Version of Page



National Science Foundation
WHERE DISCOVERIES BEGIN

Contact / Help

[Home](#)
[Funding](#)
[Awards](#)
[Document Library](#)
[News](#)
[About NSF](#)

[Funding](#)
[About Funding](#)
[Browse Funding Opportunities A-Z](#)
[Due Dates](#)
[Find Funding](#)
[Merit Review](#)
[Policies and Procedures](#)
[Preparing Proposals](#)
[Reward Opportunities](#)
[Small Business](#)
[Transformative Research](#)

Find Funding

You can also find NSF funding opportunities at [Grants.gov](#). Get NSF funding information by [email](#) or by [RSS](#).

Enter Your Search Terms

[Advanced Funding Search](#) | [Search Tips](#)

A-Z Index

Use the A-Z index to find funding opportunities by title.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Research Areas

| | |
|--|--|
| Biological Sciences | Geosciences |
| Computer and Information Science and Engineering | Integrative Activities |
| Crosscutting and NSF-wide | International Science and Engineering |
| Education and Human Resources | Mathematical and Physical Sciences |
| Engineering | Social, Behavioral and Economic Sciences |
| Environmental Research and Education | |

Special Programs

| | |
|--|---|
| Broadening Participation | For Undergraduate Students |
| For Graduate Students | For Veterans |
| For K-12 Educators | For Small Business Programs |
| For Postdoctoral Fellows | |

Upcoming Due Dates

[See All >](#)

All funding opportunities ordered by their next due dates.

Recent Funding

[See All >](#)

All funding opportunities ordered by the dates they were published on the NSF web site.

Other Ways to Find Funding

Solicitations that Limit the Number of Proposals an Organization Can Submit
SOLICITATIONS THAT HAVE LIMITS ON THE NUMBER OF PROPOSALS THAT MAY BE SUBMITTED BY ONE ORGANIZATION.

Partners: Collaboration With Other Federal Agencies
NSF PROGRAMS THAT ARE CONDUCTED IN PARTNERSHIP WITH OTHER FEDERAL AGENCIES.



Improving Usability

To make it easier to find funding information on the NSF website, we need input from you:

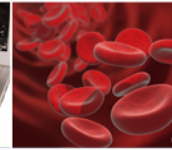
- ✓ How you currently find funding information on the site
- ✓ What would make it easier for you to find funding information
- ✓ What suggestions you have for improving the current funding page



- We look forward to talking to you this afternoon and putting your suggestions to work as we build a better web together.



WHERE DISCOVERIES BEGIN



Breakout