

PROGRAM INCOME WEBINAR

We will begin at 2 PM.

- 1. All attendees will be joined in listen-only mode with the ability to submit questions via Zoom Q&A. Please feel free to submit your question while the presentation is being conducted. We will have a dedicated Q&A session at the conclusion of the webinar.
- 2. This event is being recorded. If you object to being recorded, please disconnect now. Presentation slides and the recording will be available 2-3 weeks after the webinar.
- For help, external participants contact Zoom Technical support at +1-833-966-6468 (+1-833-Zoom-Gov) or email support@zoom.us. All NSF staff contact IT Help Central at 703-292-4357 (HELP) or email ITHelpCentral@nsf.gov.



PAYMENTS AND ANALYTICS BRANCH BUDGET, FINANCE AND AWARDS MANAGEMENT | DIVISION OF FINANCIAL MANAGEMENT



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PRESENTERS

- Division of Financial Management (DFM)
 - Justin Poll; Branch Chief, Payments & Analytics Branch (PAB)
 - Cheryl L Coppet, Financial Management Specialist
 - Nicole Cyrus, Financial Management Specialist
- Office of the Chief Information Officer (OCIO)
 Dan Hofherr, NSF Chief information Security Officer





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Agenda and Topics Covered

- Introductions
- Research.gov Multifactor Authentication Implementation
- Basics of Program Income
- Reporting Timeline
- Common Questions/Case Examples
- Report Instructions
- Common Processing Issues
- Questions



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Research.gov Multifactor

October 2024 Authentication Implementation

Multifactor Authentication for Research.gov Sign-in

- Effective on Oct. 27, 2024, NSF is implementing mandatory multifactor authentication (MFA) for Research.gov sign-in
- MFA is a layered security measure that requires two or more authentication methods to verify a user's identity
- MFA helps protect both research community users and NSF
- Users with administrative or financial roles signing into Research.gov with NSF credentials must use phishingresistant MFA
- All users must use MFA each time they sign into Research.gov on or after Oct. 27
- See <u>Dear Colleague Letter (NSF 25-011)</u> for details





Multifactor Authentication for Research.gov Sign-in

Research.gov Sign-in Option	MFA Enrollment	Prerequisite
 NSF Credentials NSF ID + Password Primary Email + Password 	 Through Research.gov: Users must enroll in MFA method in Research.gov MFA enrollment will be available starting on Oct. 27 Step-by-step enrollment instructions will be posted on Oct. 27 	 Users with administrative or financial roles must use a phishing-resistant MFA method Other users such as PIs and reviewers can use any of the MFA options* *However, NSF encourages all users to use a phishing-resistant MFA method
Organization-Issued Credentials** **InCommon Federation participating organizations only	Through InCommon Federation participating organization	InCommon organization must enforce MFA for system access on the organization's side
Login.gov Credentials	Through Login.gov	Users must use a phishing-resistant MFA in Login.gov



Multifactor Authentication Options Set Up in Research.gov

	User Role	MFA Options Set Up in Research.gov
Phishing-resistant MFA	 Users with Administrative or Financial Roles: Awardee Preparer Awardee Certifier Awardee Financial Representative Proposed Postdoctoral Fellow Authorized Organizational Representative (AOR) Sponsored Projects Officer (SPO) Foreign Financial Disclosure Report (FFDR) Preparer View Only (View Reports) 	 Passkey PIN Fingerprint (biometric) Facial Recognition (biometric) Security Key
ИFA	 Other Users: Principal Investigator (PI) or co-Principal Investigator (co-PI) Other Authorized User (OAU) Reviewers (includes ad hoc reviewers, panelists, and other meeting participants) Graduate Research Fellowship Program (GRFP) Applicant GRFP Fellow 	 Google Authenticator Okta Verify Google Authenticator or Okta Verify app must be downloaded and installed to mobile device.
	 GRFP Coordinating Official (CO) GRFP Alternate Coordinating Official (Alt. CO) GRFP Financial Official (FO) Users without roles including newly registered users, reference letter writers, and Education & Training Application (ETAP) participants 	

Note: Users with administrative or financial roles must use a phishing-resistant MFA. Other users can opt to use a phishing-resistant MFA.



Research.gov New User Sign In Page



- One-time MFA setup required for users signing in with NSF credentials
- Users can continue to use their organization-issued credentials to sign in if their organization implements MFA
- Users can continue to sign in with Login.gov provided they use a phishingresistant MFA



Beginning October 27, 2024, **ALL** users will be required to complete a one-time set-up of a security method by entering their password **AND** verifying their primary email address by entering a One-Time Password (OTP) sent to their primary email address on file.





Primary email address verification steps and a one-time passcode (OTP) will be triggered to a user's primary email address





Security methods that user will have the option to register for is based on their role(s)

Step 6 Select an Authenticator for the 2nd factor and complete the login.





Google Authenticator Setup for Non-privileged Users



Click setup under Google Authenticator from the setup security methods screen.

	U.S. National Science Foundation	
	A john.doe@gmail.com	
et u	p security methods	
ecurity esearch ave acc	methods help protect your a.gov account by ensuring only you cess.	
et up r	required	
* [Coogle Authenticator Enter a temporary code generated from the Google Authenticator app. Used for access Set up →	
Ø	Okta Verify Okta Verify is an authenticator app, installed on your phone or computer, used to prove your identity Used for access Set up →	
2	Security Key or Blometric Authenticator Use a security key or a biometric authenticator to sign in Used for access Set up →	



Scan the QR code into the Google Authenticator



Google Authenticator Setup for Non-privileged Users



Open Google Authenticator App on your mobile device. Click on the _____ icon and select Scan a QR code



Step R10 Once you scan the QR code, you will see a 6-digit rotating code on the Google Authenticator app. Enter the 6-digit code on the browser screen and click verify and log into Research.gov application. Step highlight green mu comple each tir



Steps highlighted in green must be completed each time a user signs into Research.gov









Steps

Passkey Setup



Please turn on your Bluetooth if it is not turned on.



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Use your mobile device to scan the QR code on your laptop

Step P12

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Windows Security

Once the QR code is scanned, you will see a "Use Passkey" message. Tap the Use Passkey message. Once set-up is complete, you should see the screen below on your system.

Follow the prompts on your mobile device. Your mobile device will require you to sign in using the same unlock feature on your phone.

Windows Security

Turn on Bluetooth?

To save this passkey, we'll need to temporarily turn on Bluetooth. We'll turn it off again when we're done.



the states



Turn on Bluetooth

Windows Security

iPhone, iPad, or Android device

Scan this QR code to save a passkey for al.acpt.nsf.gov on your device.

This request comes from the app "firefox.exe" by "Mozilla Corporation".



iPhone, iPad, or Android device

Scan this QR code to save a passkey for al.acpt.nsf.gov on your device.

This request comes from the app "firefox.exe" by "Mozilla Corporation".



Cancel

Windows Security			Х
Passkey saved			
You can now use your device to s	ign in to	al.acpt.nsf.gov	
		OK	

Steps highlighted in green must be completed each time a user signs into Research.gov



IT Security Threat Environment Continues to Worsen and University Financial Administrators Are Being Targeted!

- A University account compromise is a significant security event for Federal agencies
- Beware of hacker tricks! Here are some:
 - They visit your website to identify your System for Award Management (SAM) and Research.gov administrators
 - They find their target's picture and create a fake University ID or fake driver's license
 - Then off to the dark web to find answers to those people's security questions (full SSN, mother's maiden name, name of first pet, etc.)
 - Then they call the University IT Service Desk and with this information, fake ID, and a compelling sob story, convince your IT Service Desk that the hacker is your SAM administrator and/or your Research.gov administrator and they need their university account reset
 - If they fail the first time, they WILL circle back again....
 - Once successful, they will use SAM.gov's password reset capabilities to log into SAM and change your University's banking information to their banking information
 - Then they will wait for legitimate cash requests to come to their bank account!!!
 - Or...they will go into Research.gov and submit NEW cash requests that will go into their bank account instead of yours!!!



What Can You Do???

- Support the MFA rollout! MFA is going to make the hacker's job a lot harder, but it is not a silver bullet!
- Review your Research.gov accounts to make sure that people only have the roles that they need!
- Tighten your remote account reset process and train your IT Service Desk staff on the new process!
 - Further reduce the risk of human error by prohibiting remote account resets for privileged users (i.e., those who can change banking information in SAM, add/modify users and roles in Research.gov, submit proposals, and submit GRFP expense reports)!
- Remind your staff to report suspicious activity as soon as possible!
- If you see any suspicious activity that impacts anyone that uses NSF's systems, please let us know immediately! Do the same for other agencies!
- Thank You!!!



Contact for Questions or to Report Suspicious Activity

NSF IT Service Desk 7:00 AM – 9:00 PM Eastern Time, Monday through Friday (except for federal holidays):

- Email the NSF IT Service Desk at <u>rgov@nsf.gov</u>
- Call the NSF IT Service Desk at 1-800-381-1532





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QUESTIONS?





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BACKGROUND

Implementation of ACM\$ eliminated the need for the quarterly Federal Financial Report (FFR)

The current reporting requirement is documented in the <u>2024</u> <u>Proposal and Award Policies and Procedures Guide</u> (PAPPG) (NSF 24-1), Chapter VIII.D.4. of Part II Award, Administration and Monitoring of Grants



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WHO IS REQUIRED TO SUBMIT A REPORT

- Awardee Organizations
 - Universities & Colleges
 - ► Non-Profits
- Current Reporting Period = Previous Federal Fiscal Year
 - Example 10/01/2023 to 09/30/2024
- Exemption:
 - Awards made to SBIR organizations
 - Awards made to Individual Fellows
- Is your institution required to submit a report if no program income has been earned?



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BASICS OF PROGRAM INCOME

- NSF requires an annual submission of Program Income for any active awards
 - -Most recent submission was for FY2023
- Where can the Program Income Reporting Worksheet be found?
 - Research. GOV
- Failure to complete the program income report may result in delay of future NSF award payments





REPORTING TIMELINE







Program income is gross income earned by the awardee organization that is directly generated by a supported activity or earned as a result of NSF-funding during the period of performance.

- Examples but not limited to:
 - fees for services performed
 - the use or rental of real property
 - the sale of commodities or items fabricated
 - ▶ fees charged to register participants for a workshop or conference
 - license/royalties on patents & copyrights, principal interest on loans



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- Reimbursement received for expenditures reported via ACM\$
- Interest earned on advances of Federal funds
- Receipt of principal on loans, rebates, credits, discounts, etc., or interest earned on any of them.





NSF TREATMENT OF PROGRAM INCOME

- Standard treatment of program income is "Additive" unless otherwise specified in the grant (Grant General Conditions: GC-1 27.b.1 and Research Terms and Conditions 200.307)'
 - Additive = income earned is to be retained by the grantee and added to the funds committed to the project by NSF, and thus used to further project objectives
 - Efforts should be made to avoid having excess program income at the end of the project. In general, program income should be expended prior to requesting reimbursement against the grant

Special treatment may be added to Notice of Award

- Deductive = must be remitted to NSF by crediting costs otherwise chargeable against the grant
- Example: FL-26 (1/16 and beyond) Administration of NSF Conference or Group Travel Award Grant Conditions



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PROGRAM INCOME SCENARIO - ADDITIVE

On June 1, 2020, your institution was awarded a grant for \$500,000 to conduct research. The award is subject to standard treatment of program income (RTC). A piece of equipment funded by the grant has downtime and is not being used for the grant's purpose. Since this equipment is highly specialized, non-federal entities express interest in using the equipment when available. You charge and collect usage fees in the amount of \$25,000. Your institution draws down a total of \$230,000 in ACM\$ as of September 30, 2024, for reimbursement of project expenses.

In your FY24 Program Income Report, for this award, you will report:

- A. \$255,000
- **B.** \$230,000

\$25,000

C. \$0

D.

If no additional program income is earned, what is your maximum reimbursement available from NSF:

Α.	\$500,000
Β.	\$525,000
C.	\$475,000

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On June 1, 2022, your institution was awarded a grant for \$100,000, subject to Conditions found within FL-26 (1/16), to hold a workshop. You charge admission and collect \$25,000 in registration fees. Your institution draws down a total of \$30,000 in ACM\$ as of September 30, 2024.

In your FY24 Program Income Report, for this award, you will report:

- A. \$55,000
- **B.** \$30,000



If no additional program income is earned, what is your maximum reimbursement available from NSF:

- A. \$100,000
- **B.** \$125,000

C. \$75,000

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PROGRAM INCOME SCENARIO – AFTER PROJECT END DATE

On May 31, 2024, your institution's NSF research grant has ended. The award was subject to standard treatment of program income (RTCs) and received \$500,000 in NSF funding. During the life of the grant, a piece of equipment funded by the grant was rented out to non-federal entities. Fees were charged and collected throughout the award's period of performance, totaling \$200,000. As of September 30, 2024, your institution shows a total of \$500,000 in ACM\$ for project expenditures. Additionally, your institution's project ledger shows you have expended \$150,000 of the Program Income generated.

With the \$50,000 of Program Income remaining, your institution should:

- A. Transfer the funds to help stock the cafeteria's vending machines
- B. Use the funds to help cover a shortfall in funding received from a NIH grant
- C. Provide Research Administration staff with cash awards for their hard work
- D. Remit the remaining funds back to NSF





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INSTRUCTIONS



No Program Income To Report

- Email certification statement
- Program Income Worksheet

Program Income To Report

• Program Income Worksheet



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If there is no program income to report, your institution will be able to validate that status by responding to the email notice you received with the following certification statement:

"I certify to the best of my knowledge and belief, that this organization has no program income to report. I understand that willful provision of false information or concealing a material fact in this request is a criminal offense (18 USC 1001)."



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INSTRUCTIONS - ACCESS THE WEBPAGE VIA RESEARCH.GOV

Prepare & Submit Proposals	Proposal/ Panel Review	Awards & Reporting	My Desktop	Manage Financials	NSF Staff Services
 Prepare, submit and check status of proposals Prepare new or existing proposals Check Proposal Status FASTLANE PROPOSAL FUNCTIONS Additional proposal functions 	Review proposals, participate in panels FASTLANE PROPOSAL REVIEW Proposal Review FASTLANE PANEL REVIEW Panelist Functions	 Submit project reports, notifications & requests Project Reports Deposit Public Access Publication Example Project Reports (Demo site) Notifications & Requests FASTLANE AWARD FUNCTIONS Additional award functions 	 WARNING: GRFP APPLICANTS Fillable PDF Tip for Biggraph PDF format. Click to tail ATTENTION: Enforcement of the begins 10/5/20. Click here to lead Show all notifications 	ACM\$ (Award Cash Management \$ervice) Program Income Reporting PAPPG (NSF 20-1) requirement to us rn more. (Viewing 3 of 7 notifications)	SION CHANGES. Click <u>here</u> for de ng Support Documents: Use Add se NSF-approved Biographical Sketcl
Manage Financials View balances and submit cas Submit or manage paymen More about ACMS Program Income Reporting	A h requests Ma t transactions P FA	dministration anage your account and user roles User Management STLANE ORGANIZATION MANAGEMENT Research Administration	My Desktop Welcome to the Research.gov access to detailed information their work. If you have any que	/Desktop! An intuitive, flexible on the NSF proposal and aw estions, please contact us at	e and integrated online work /ard management lifecycle p feedback@research.gov.

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INSTRUCTIONS - WORKSHEET DOWNLOAD

Download a current worksheet by selecting the download link from the Program Income webpage

> Download the Program Income Reporting Worksheet Program Income reporting worksheet.





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INSTRUCTIONS - REPORT HEADER

► The Report Header requires the following information:

- Organization Name
- NSF 10-digit Organization ID (aka the Institution ID in your email notification)
- State Code
- Reporting Period (Pre-populated)

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Organization Name:		Please enter Organization Name	
NSF Organization ID:	'0001234567	Please enter 10-digit Organiztion ID,	, not an individual's NSF User ID
State:			
Reporting Period	Inception to Date - September 30, 2024	Do not change	

TIP! Add an apostrophe in front of your organization ID to make it a text field and keep leading zeros.



INSTRUCTIONS - REPORT BODY: NO PROGRAM INCOME TO REPORT

- When there is no program income earned on any active award, you may skip the report body and go directly to the certification statement section
- I certify that to the best of my knowledge and belief, that this organization has no program income to report.
 I understand that willful provision of false information or concealing a material fact in this request is a criminal offense (18 USC 1001)

OR

I certify that to the best of my knowledge and belief, all information provided in this report is true in all respects; that the program income funds are being expended for the purpose and conditions of the award(s) listed, and I understand that willful provision of false information or concealing a material fact in this report is a criminal offense (18 USC 1001)



Column B: List each active award that earned program income during the most recently completed Federal fiscal year (October 1-September 30)

Only list awards that have earned program income

В	С	D	E	F	G
NSF Award Number	Program Income Earned (Cumulative)	Cumulative Program Income expended in accordance with the additive alternative	Cumulative Program Income expended in accordance with the deductive alternative	Cumulative Unexpended Program Income	Remarks
Must be 7 numerical characters	Must be a positive dollar amount or zero	Must be a positive dollar amount or zero. If deductive alternative column field is completed, then there can be no value other than zero or null in the additive alternative column	Must be a positive dollar amount or zero. If additive alternative column field is completed, then there can be no value other than zero or null in the deductive alternative column	Must be a positive dollar amount or zero	Optional field
1412200	1,500.00	1,000.00	0.00	500.00	
1623300	25,000.00	19,000.00	0.00	6,000.00	
	26,500.00	20,000.00	0.00	6,500.00	



- Column C: Enter the amount of program income earned for the corresponding award.
- Only enter earned program income

Do <u>NOT</u> list expenditures reimbursed by the federal grant

В	С	D	E	F	G
NSF Award Number	Program Income Earned (Cumulative)	Cumulative Program Income expended in accordance with the additive alternative	Cumulative Program Income expended in accordance with the deductive alternative	Cumulative Unexpended Program Income	Remarks
		/lust be a positive dollar amount	Must be a positive dollar amount		
		pr zero. If deductive alternative	or zero. If additive alternative		
		column field is completed, then	column field is completed, then		
		here can be no value other	there can be no value other		
	Must be a positive dollar	han zero or null in the additive	than zero or null in the	Must be a positive dollar	
Must be 7 numerical characters	amount or zero	alternative column	deductive alternative column	amount or zero	Optional field
1412200	1,500.00	1,000.00	0.00	500.00	
1623300	25,000.00	19,000.00	0.00	6,000.00	
	26,500.00	20,000.00	0.00	6,500.00	
Î.					

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Columns D and E: Determine the type of program income reported based on award terms and conditions

STANDARD TREATMENT is Additive

Deductive treatment only applies when added to Award Notice

В	С	D	E	F	G
NSF Award Number	Program Income Earned (Cumulative)	Cumulative Program Income expended in accordance with the additive alternative	Cumulative Program Income expended in accordance with the deductive alternative	Cumulative Unexpended Program Income	Remarks
		Must be a positive dollar amount or zero. If deductive alternative column field is completed then	Must be a positive dollar amount or zero. If additive alternative column field is completed then		
		there can be no value other	there can be no value other		
	Must be a positive dollar	than zero or null in the additive	than zero or null in the	Must be a positive dollar	
Must be 7 numerical characters	amount or zero	alternative column	deductive alternative column	amount or zero	Optional field
1412200	1,500.0	1,000.00	0.00	500.00	
1623300	25,000.0	19,000.00	0.00	6,000.00	
	26,500.0	20,000.00	0.00	6,500.00	

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- Column F: Unexpended program income will be calculated automatically and displayed
- Column G: Remarks (optional)

В	С	D	E	F	G
NSF Award Number	Program Income Earned (Cumulative)	Cumulative Program Income expended in accordance with the additive alternative	Cumulative Program Income expended in accordance with the deductive alternative	Cumulative Unexpended Program Income	Remarks
Must be 7 numerical characters	Must be a positive dollar amount or zero	Must be a positive dollar amount or zero. If deductive alternative column field is completed, then there can be no value other than zero or null in the additive alternative column	Must be a positive dollar amou or zero. If additive alternative column field is completed, then there can be no value other than zero or null in the deductive alternative column	Must be a positive dollar amount or zero	Optional field
1412200	1,500.00	1,000.00	0.0	500.00	
1623300	25,000.00	19,000.00	0.0	6,000.00	
	26,500.00	20,000.00	0.0	6,500.00	





INSTRUCTIONS - REPORT BODY: PROGRAM INCOME TO REPORT

When you have reported program income, select the 2nd certification statement

I certify that to the best of my knowledge and belief, that this organization has no program income to report.
 I understand that willful provision of false information or concealing a material fact in this request is a criminal offense (18 USC 1001)

OR

 I certify that to the best of my knowledge and belief, all information provided in this report is true in all respects; that the program income funds are being expended for the purpose and conditions of the award(s) listed, and I understand that willful provision of false information or concealing a material fact in this report is a criminal offense (18 USC 1001)



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INSTRUCTIONS - REPORT CERTIFICATION

- The Report Certification section requires the following information:
 - Certifying Official Name
 - Certifying Official Title
 - Phone Number
 - Email Address

TIP! The Certifying Official does **NOT** need to print and sign the worksheet.

Name of Certifying Official:	John Doe
Title of Certifying Official:	Assistant Director
Certifying Official's Phone Number :	(555) 555-1234
Certifying Official's Email Address:	john.doe@exampleuniversity.edu

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INSTRUCTIONS - REPORT SUBMISSION

Submit the completed Excel worksheet via email to: programincomecertification@nsf.gov

TIP! Do **NOT** submit a PDF version of the report template. It will be rejected.







TIPS TO AVOID REJECTION AND PROCESSING ISSUES

- Do not submit a PDF version of the report
 - Signed PDF copy of the report is not required
- **Do not adjust/alter the format** of the Excel template
- Use the correct NSF Organization ID and Organization Name
 - Do **not** enter your NSF user ID in place of your NSF Organization ID
 - Enter all 10 digits of your NSF Organization ID
- Do not report non-program income amounts (i.e., ACMS transaction amounts)
- Do not submit a report more than once (unless it is for a correction)
- Double check program income treatment for each award!
- If you submit a written certification statement, remember to submit it as a reply to one of the notifications your institution received from NSF.



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Useful Reminders

- Reporting is required even if your institution has not earned program income
 - 1,876 Institutions received notices = 1,876 reports expected
- Report is due 45 days after the new reporting period begins November 15th
- Only annual reports are required



QUESTIONS?

Dan Hofherr

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- NSF Chief Information Security Officer
- dhofherr@nsf.gov

- All Topics
- PAB Website and Branch Contacts www.nsf.gov/bfa/dfm/cmeab.jsp
- Career Opportunities | National Science Foundation <u>https://beta.nsf.gov/careers</u>



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