

### NSF Award Cash Management Service (ACM\$) and Financial Reporting Processes

#### CMB CASH MANAGEMENT BRANCH BUDGET, FINANCE AND AWARDS MANAGEMENT | DIVISION OF FINANCIAL MANAGEMENT



### Agenda and Topics Covered

#### Introduction

- NSF Cash Management Operations
  - Requesting Grant Funds
  - Financial Reporting Requirements
  - Baseline Monitoring Activities
- Questions





### KIRSTON YOUNG

#### FINANCIAL MANAGEMENT, GRANTEE CASH MANAGEMENT SERVICE, CASH MANAGEMENT BRANCH



#### CMB CASH MANAGEMENT BRANCH BUDGET, FINANCE AND AWARDS MANAGEMENT | DIV



**CMB** 

### NSF Cash Management Branch (CMB)

#### www.nsf.gov/bfa/dfm/cmeab.jsp



#### CASH MANAGEMENT BRANCH



<u>Mission:</u> CMB is responsible for payments to NSF grantees, vendors and staff. The goal of CMB is to provide accurate, courteous and efficient service to NSF grantees, business partners, and staff members

#### Services:

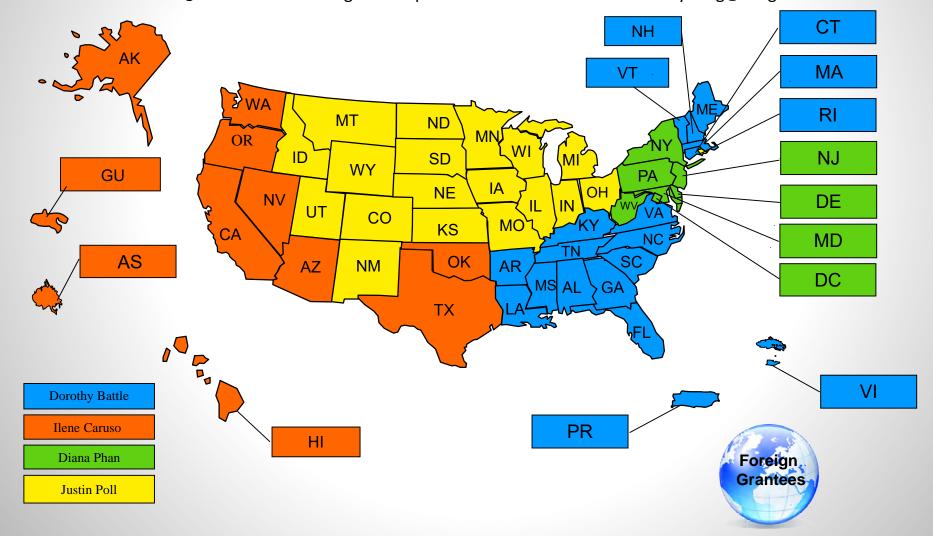
- Manage all NSF payment operations
  - Grants Payment Process
  - Commercial Payment Process

#### Baseline Monitoring Activities:

- Payment Testing
- Grant Accrual Validation
- Canceling Funds Monitoring
- Final Unliquidated Balance Reviews
- Program Income Report Consolidation

#### CASH MANAGEMENT BRANCH

Mike Howe	Chief, CMB	703-292-8285	mhowe@nsf.gov
Chris Berner	Section Head, GCMS	703-292-4335	cmberner@nsf.gov
Dorothy Battle	Accountant	703-292-4440	dbattle@nsf.gov
Ilene Caruso	Accountant	703-292-8334	icaruso@nsf.gov
Justin Poll	Accountant	703-292-8775	jpoll@nsf.gov
Kirston Young	Financial Management Specialist	703-292-2193	kiyoung@nsf.gov





# YOUR INSTITUTION JUST RECEIVED A NSF GRANT, WHERE DO YOU GO TO REQUEST FUNDS?

- A) Payment Management Service (PMS)
- B) Award Cash Management Service (ACM\$)
- C) Automated Standard Application for Payments (ASAP)
- D) Division of Unified Management for Payments (DUMP)



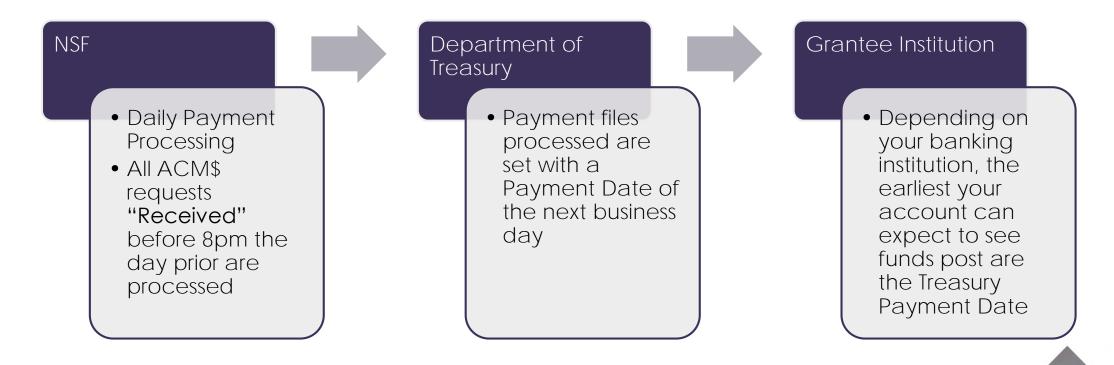
The Award Cash Management Service (ACM\$) is NSF's approach to award payments and post-award financial processes. This approach requires the submission of award level payment amounts each time funds are requested.

Since inception in April 2013, ACM\$ has provided service to over 2,500 institutions, small companies, and individuals



CMB

# WE HAVE REQUESTED FUNDS THROUGH ACM\$, WHAT HAPPENS NEXT?



CASH MANAGEMENT BRANCH BUDGET, FINANCE AND AWARDS MANAGEMENT | DIVISION OF FINANCIAL MANAGEMENT



#### EXAMPLE

Wednesday November 7<sup>th</sup>

• Grantee's ACM\$ Transaction is submitted and certified at 4:49pm (Received Status)

#### Thursday November 8<sup>th</sup>

- NSF Processes the ACM\$ transactions for payments
- Payment schedule transmitted to Treasury and certified for payment



• Treasury disburses funds to grantee's bank account



### Hypothetical Scenario #1 - TRUE OR FALSE?



CMB CASH MANAGEMENT BRANCH BUDGET, FINANCE AND AWARDS MANAGEMENT | DIVISION OF FINANCIAL MANAGEMENT



#### ACMS USER ACCESS

- Each user is required to have a unique ID, a unique email address and unique password.
- It is a basic security to never share one's ID and password with other under any circumstances.
- ▶ NSF policy states that only one account is allowed per user.
- Group user accounts and passwords are not permitted and are in violation with NSF policies and Research.gov guidelines.



### Where is My Money? - Updated Bank Account

The University (or Small Business) recently opened a new bank and would like to start receiving NSF payments to the new account. As the ACM\$ user, you just received confirmation that your organization's SAM.gov registration has been updated with the new bank account just today. When should you submit the next payment request if you would like the payment to be sent to the new bank account?

- A. Today the bank account update is instant
- B. Tomorrow the bank account update will be reflected the next business day
- c. 3 business days the bank account update is received during the nightly interface on the business day following the effective date of the change in SAM.gov
- D. 1 week the bank account update is received during the weekly interface following the effective date of the change in SAM.gov





#### WHERE IS MY MONEY?

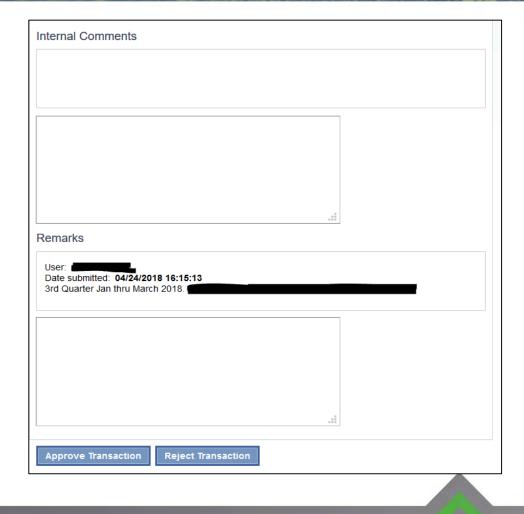
#### WHAT CAUSES DELAYS?

- Making unnecessary entries in the "Remarks" field of your transaction, causing the transaction to require NSF Review
- Inactive SAM registrations



#### Remarks vs Internal Comments

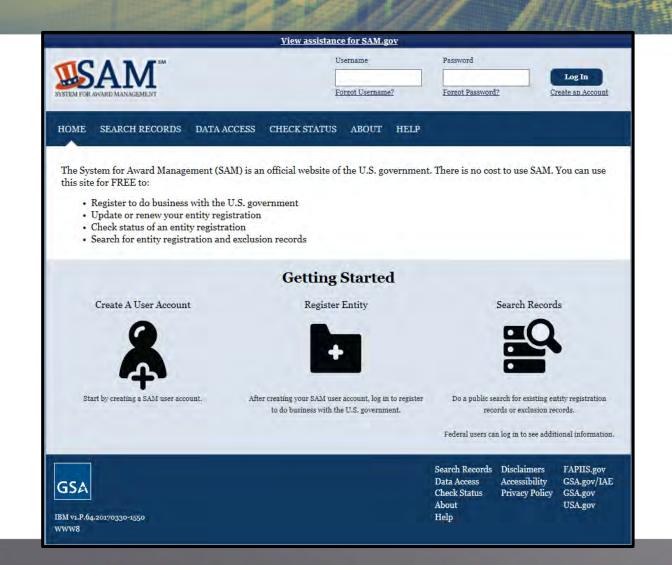
- Only use "Remarks" for items you wish to communicate to NSF
- Utilize "Internal Comments" for any notes you wish to leave to help your organization identify the purpose of the transaction



#### CMB CASH MANAGEMENT BRANCH



#### ► SAM.gov



#### CMB



### ADJUSTMENT VS REQUEST TO REOPEN AWARD

Your organization recently received a late supplier/sub-recipient invoice for costs incurred during the award project period, however after logging into ACM\$ you find the award has been financially closed. Which answer best applies to this scenario:

- A. In order to receive reimbursement for this expense, you must send a request to your Division of Grants and Agreements grant official to re-open and extend the award.
- B. In order to receive reimbursement for this expense, you must submit an adjustment via ACM\$, provide a justification for the adjustment and maintain appropriate supporting documentation in the event this expenses is audited or selected for additional advanced monitoring.



#### CASH MANAGEMENT BRANCH



### ADJUSTMENT VS REQUEST TO REOPEN AWARD

Adjustments to financially closed awards are permitted when reimbursement for expenses incurred during the award project period are required. A request to reopen and extend the award is only required when new spending is required.

Step 1. Payments	Step 2. Adjus	tments Step 3. Rev	iew			
Justification						
						Remove Selected
			Fi	Iter: * Thresholds applie	d ** Payment outsta	nding Clear Filter
Federal Award ID	Closed	Previous Cumulative Cash Disbursement	Balance Available for Upward Adjustment	Balance Available for Downward Adjustment	Adjustment Eligibility Status	Adjustment Requested

#### CMB CASH MANAGEMENT BRANCH



### LIMITATIONS FOR ADJUSTMENTS TO CLOSED AWARDS

- Transaction total must be greater or equal to \$0
- Individual award request must be greater or equal to ± \$1
- Upward adjustments (a.k.a. additional payments) available for 14 months after the award is financially closed
- Downward adjustments (a.k.a. returns or refunds) available until the funding appropriation cancels
- Exception to this timeline is when canceling appropriations are involved



### WHERE IS MY MONEY? - PARTIAL PAYMENT

University requested a payment involving 5 awards for a total of \$125,000, however the payment that was received 2 days later was for \$120,000. Which scenario describes the reason for the reduced payment?

- A. The payment to the University was offset by a debt settlement payment reported against the organization's EIN and processed by the Treasury Offset Program.
- B. Payment request was partially accepted when the interface for 1 of the awards failed to create an invoice against the PO in NSF's financial system. Payment for the remaining 4 awards was processed and a partial payment was sent.
- c. The Cash Management Branch retained part of the funds in order to pay for this year's employee summer picnic.
- D. Both A or B could apply.



### WHERE IS MY MONEY? (CONT.)

WHY DID I RECEIVE LESS MONEY THAN REQUESTED?

- Treasury Offset Program (TOP)
- Partially Accepted Payment





### TREASURY OFFSET PROGRAM

If you have questions about the offset of another U.S. government-issued payment, you can call Treasury Offset Program (TOP) Call Center to obtain agency contact information. Toll Free: 800-304-3107

The Call Center hours are 7:30 a.m. until 5:00 p.m. (Central Time). English- and Spanish-speaking agents are available.



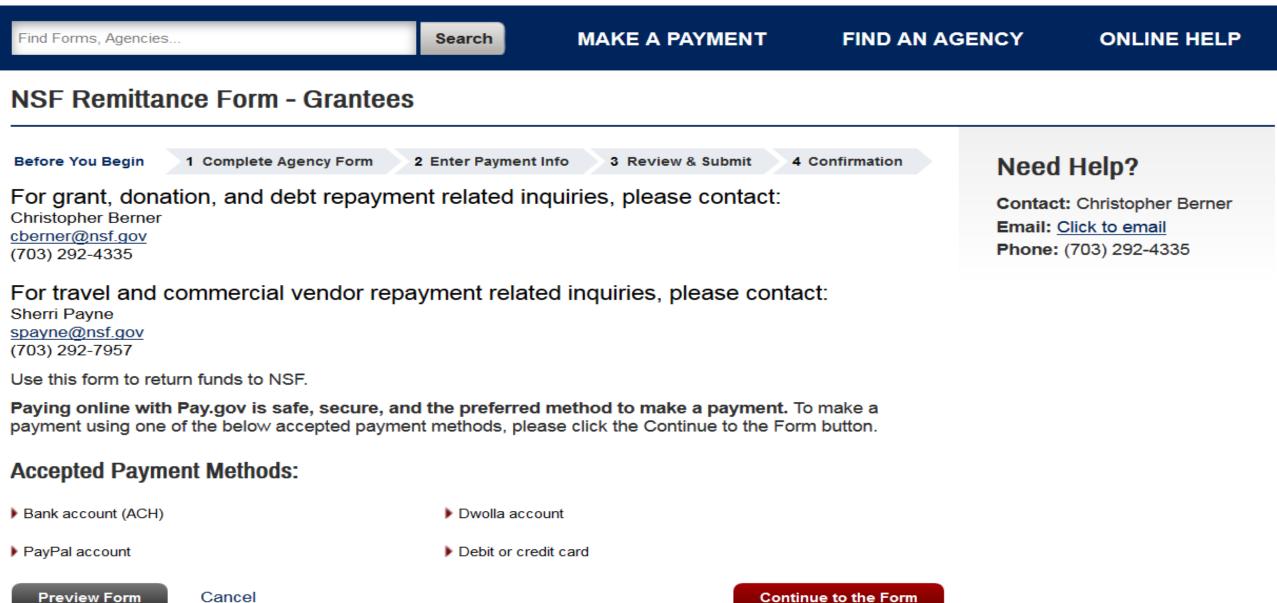
#### HOW DO I RETURN MONEY?

#### Three ways of returning funds to NSF:

- ► ACM\$
- Pay.gov
  - https://www.pay.gov/public/form/start/10506005
- Check
  - National Science Foundation Attention: NSF Cashier 2415 Eisenhower Avenue Alexandria, VA 22314

Federal Award ID	Recipient Account Number	PI/PD Name	From	То	Total Federal Funds Authorized	Previous Cumulative Cash Disbursement	Net Available Funds	Payment Amount Requested	Expected Close Date	Final Flag
0952							\$1,503.09	(\$163.25)	09/28/2017	No
0965							\$498,029.28	\$17,308.70	10/28/2018	No
0966							\$559,162.38	\$132,960.60	04/30/2018	No
1022							\$37,560.82	\$4,899.00	11/28/2017	No
1119							\$5,487.33	\$276.03	11/28/2017	No
1127							\$94,138.28	\$2,421.76	01/28/2018	No
1133							\$71,547.13	\$4,117.90	01/28/2018	No
1137							\$176,066.60	\$7,143.78	12/29/2018	No
1140							\$6.08	(\$7.00)	09/28/2017	No
1148							\$96,329.75	\$175.46	09/28/2018	No
1149							<b>\$</b> 361,386.77	\$6,979.24	12/29/2017	No
1149							\$124,828.70	\$4,543.94	09/28/2018	No
1151							\$92,784.38	\$5,630.72	09/28/2018	No
1153							\$536,022.96	(\$21,841.00)	12/29/2017	No





This is a secure service provided by United States Department of the Treasury. The information you will enter will

#### **National Science Foundation**

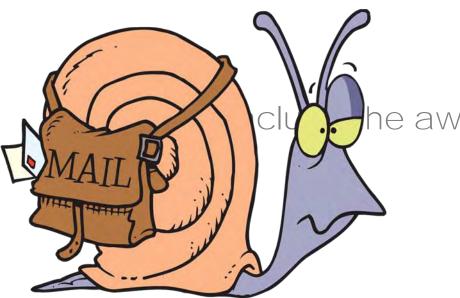
**Remittance Form** 



Indicates a Required Field	
Institution/Individual Name	
*Institution ID	
Address Line 1	
Address Line 2	
City	
State	Zip Code
*Contact Name	
*Contact Phone Number (including area code)	Ext.
*Contact email	
*Amount to be paid \$	(No Commas)
Award Number	
*Purpose of Remittance O Excess Cash on Hand	
O OIG Settlement	
O Audit Disallowance	
OOther	
Comments	



### RETURNING FUNDS BY CHECK



he award(s) and the return reason





### NSF GRANT FINANCIAL REPORTING REQUIREMENTS

# How often must NSF grantees submit the SF-425 Federal Financial Report (FFR)?

A) Never

- B) Quarterly
- C) Annually
- D) 90 days after the Award End Date





Does NSF have ANY financial reporting requirements?

# YES, Program Income



#### PROGRAM INCOME

- NSF requires an annual submission of a Program Income worksheet for any active awards within the federal fiscal year
  - Most recent submission was for FY18
- Submission is typically due by November 14 each year



#### PROGRAM INCOME

- 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.
  - This would include things such as fees for services performed, the use or rental of real property acquired under the grant, the sale of commodities or items fabricated under the grant, and fees charged to register participants for a workshop or conference.
  - Interest earned on advances of Federal funds is not program income.



### PROGRAM INCOME SCENARIO - ADDITIVE

On June 1, 2017, your institution was awarded a grant for \$500,000 to conduct research. The award is subject to standard treatment of program income (RTCs). A piece of equipment funded by the grant has down time while not 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, 2018 for reimbursement of project expenses.

In your FY18 Program Income Report, for this award, you will report:

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

- A. \$255,000
- B. \$230,000
- C. \$0
- D. \$25,000

- A. \$500,000
- B. \$525,000
- C. \$475,000



### PROGRAM INCOME SCENARIO - DEDUCTIVE

On June 1, 2017, 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, 2018.

In your FY18 Program Income Report, for this award, you will report:

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

- A. \$55,000
- B. \$30,000
- **C**. \$0
- D. \$25,000

- A. \$100,000
- B. \$125,000
- C. \$75,000



#### 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



#### CASH MANAGEMENT BRANCH



### PROGRAM INCOME SCENARIO – AFTER PROJECT END DATE

On May 31, 2018, 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, 2018 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



### BASELINE MONITORING ACTIVITIES





Why does this matter to you?

► NSF is an independent federal agency bound by Fiscal Law

► NSF operates on annual appropriations

Golden Rules of Fiscal Law: Purpose, Time, and Amount





#### CANCELING APPROPRIATIONS

- Each fiscal year end, millions of dollars of obligated funds must be deobligated.
- Federal appropriations cancel five years after their period of availability.
  - Public Law 101-510: States Federal agencies must financially close fixed year appropriation accounts and cancel any remaining balances by September 30th of the 5th year after the period of availability.

FY	2013	2014	2015	2016	2017	2018	2019	2020
Availability	Open	Open	Expired	Expired	Expired	Expired	Expired	Canceled

AFTER SEPTEMBER 30<sup>th</sup>, NEITHER THE AWARDEE OR NSF CAN ACCESS ANY REMAINING FUNDS



### CANCELING APPROPRIATIONS CRITICAL DATE

- ACM\$ (NSF's Automated Grant Payment System) cutoff for FY 2019 year end closing is anticipated to be Monday September 23<sup>rd</sup> at 2pm EDT.
  - ► After this date:
    - no adjustments
    - no extensions
- GCMS will continue to reach out to awardees who have canceling funds throughout FY 2019.



## CANCELING APPROPRIATIONS

Trantas Annus	und No. Cost Extensi	ion i	
Grantee-Appro	ved No-Cost Extensi	ion	100 A
< Back to Notificatio	ns & Requests Home		
Appropriated Fund	s have expired for this award. N	lo Notification/Request can be submitted for this award.	
Award Number:		Award Title:	
End Date: Status:	11/30/2016 Forwarded to AOR	and a second	
Reminder: This on	e time extension may not be exe	ercised merely for the purpose of using the unliquidated balances.	
Reminder: This on Required	e time extension may not be ex	ercised merely for the purpose of using the unliquidated balances.	
	e time extension may not be exe 11/30/2017	ercised merely for the purpose of using the unliquidated balances.	
Required Revised End Date:	11/30/2017	(Always expires on the last day of the month)	
Required Revised End Date:		(Always expires on the last day of the month)	
Required Revised End Date:	11/30/2017	(Always expires on the last day of the month)	
Required Revised End Date:	11/30/2017	(Always expires on the last day of the month)	

#### CMB



CMB

## HYPOTHETICAL SCENARIO #2 - TRUE OR FALSE?

University is m (FY2013/2014 Subsequent University re of perform During the Manager University

True or F The Uni Branch must.

Septemř

\* with initial funds obligated in FY2013

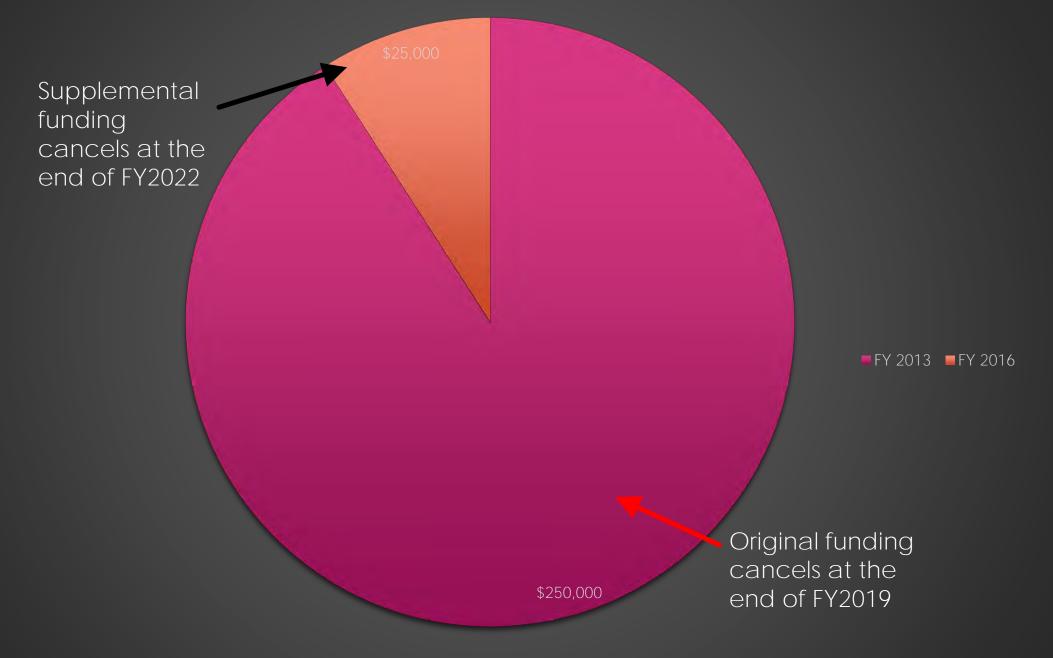
period

Cash , the ;ancel on

nagement

#### CASH MANAGEMENT BRANCH

#### Award 1212334





### APPROPRIATION LIFE CYCLE

Appropriation	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
FY13/14 Research	1	2	1	2	3	4	5			
FY16/17 Research				1	2	1	2	3	4	5



Budget Authority AVAILABLE (allowed to make new obligations)

Budget Authority EXPIRED (allowed to adjust or liquidate existing obligations - NO NEW OBLIGATIONS)

Budget Authority CANCELLED (NO OBLIGATIONS OR OUTLAYS/EXPENSES)



### Advanced Payment of Canceling Funds

University was granted a No-Cost Extension to May 31, 2020 for an award involving canceling funds. There is \$100,000 available on the award, with \$50,000 canceling September 30, 2019. The University estimates \$30,000 of the canceling funding will be spent by the end of September 2019 and would like to request advanced payment of the canceling funds prior to the ACM\$ shutdown period. How much should their advance payment be for?

- A. \$0 advance payments are not permitted
- B. \$30,000 advance payment should be limited to the expected expenditures
- C. \$50,000 advance payment should include all of the canceling funding so the PI can continue to spend the remaining \$20,000 after September 2019 since the new award end date is 05/31/2020



### AWARDS APPROACHING EXPIRATION

#### Final Unliquidated Balances of Concern

GCMS sends out email notifications if your awards are within 3 months of expiring and have 75% or greater balances remaining

- ► Are there issues?
- ▶ Is an extension needed?
- Encourage PIs to reach out to their NSF Program or Grants Official



## ANNUAL RISK BASED PAYMENT TESTING

- We have contracted with KPMG to perform a statistical analysis of NSF Award payments/expenditures during FY2018
- KPMG will analyze your documentation, conduct additional statistical sampling, and will request further detailed documentation from you to support selected expenses, as necessary
- Any costs determined to be unallowable will be forwarded to our Resolution and Advanced Monitoring Branch within our Division of Institution and Award Support for action



## ANNUAL CASH ON HAND VALIDATION

- In FY18, we randomly sampled 517 institutions and achieved a 99% response rate.
- ► Email notices were sent out from nsfaccrual@nsf.gov.
- We requested that you report the difference between your award expenses against the NSF payments received as of our fiscal year-end, September 30th 2018.
- Our statistical validation yielded a negative \$384 million cash on hand balance, which was within 2.4% of our calculation.



The survey sent from <u>nsfaccrual@nsf.gov</u> asks grantees to provide:

- Did award expenses equal ACM\$ drawdowns as of 9/30?
  - If not, note the amount of positive or negative (not yet drawn from NSF) cash on hand as of 9/30.
- Submission must include the name and position of the party responsible for the information and the date of submission to NSF.



## CASH ON HAND VALIDATION - FFR VISUALIZATION

FEDERAL FINANCIAL REPORT (Follow form instructions)								
<ol> <li>Federal Agency and Organizational to Which Report is Submitted</li> </ol>	l Element 2	<ol> <li>Federal Grant or Other Identifying Number Assigned by Federal Agency (To report multiple grants, use FFR Attachment)</li> </ol>			Page of 1 pages			
3. Recipient Organization (Name and	complete address includi	ng Zip code)						
4a. DUNS Number 4b. El	IN	<ol> <li>Recipient Account Number or Identifying Number (To report multiple grants, use FFR Attachment)</li> </ol>	O Qu		7. Basis of Accounti	-		
8. Project/Grant Period From: (Month, Day, Year)	-	To: (Month, Day, Year)		g Period End Da Day, Year)	te			
10. Transactions			Cumulative					
(Use lines a-c for single or multiple								
Federal Cash (To report multiple g a. Cash Receipts	jrants, also use FFR Att	achment):						
b. Cash Disbursements c. Cash on Hand (line a minus b)								

#### CMB

#### CASH MANAGEMENT BRANCH



### ACCOUNT MANAGEMENT MODERNIZATION



**IT'S HERE!** 

New Account Management System: One NSF ID, one password, and one profile for each NSF account

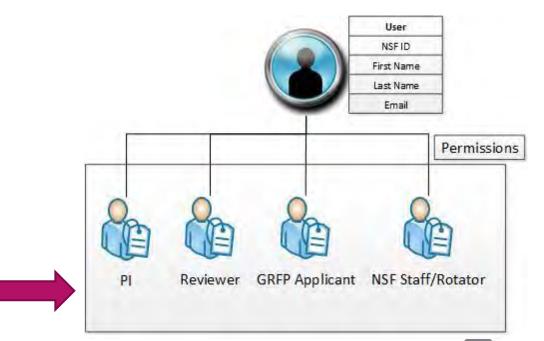
Note: Effective March 26, 2018, new organizations registering with NSF must first register in the System for Award Management (SAM). The SAM registration process could take up to two weeks to complete.

Training Resources



NSF has modernized the account management of our external grant systems to streamline the user experience for maintaining accounts and centralizing access. A person's NSF ID will be used to manage his/her profile data and permission information.

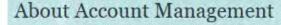
Target State – A Single Identity per User



#### MB CASH MANAGEMENT BRANCH



### ACCOUNT MANAGEMENT MODERNIZATION



Welcome to the About Account Management page. The new account management functionality will enable the user to centrally sign into NSF systems to perform proposal and award activities. Below you will find user guide PDFs and videos that will walk you through from establishing an NSF account to performing administrative functions for your organization.

#### Video Tutorials

Below are step-by-step video tutorials on how to use the new account management functionality:

- Register for an NSF Account
- Register a New Entity in the System for Award Management (SAM)
- View and Edit Your NSF Account & Role Information
- Register a New Organization with NSF
- Migrate Your Existing NSF Account

#### Frequently Asked Questions

To see a list of frequently asked questions and their answers, download the PDF below.

👮 Frequently Asked Questions - Account Management Guide

#### Migrate Your Existing NSF Account

To migrate your existing NSF account to NSF's new account management system, you must verify your account's primary email address and phone number. If you created your NSF account before March 23, 2018 and your email address is associated with more than one NSF account, you will be prompted to verify information. For more information about verifying your account information, download the PDF below.

% Migrate Your Existing NSF Account - Account Management Guide

#### Your NSF Account

To submit proposals to the National Science Foundation (NSF) and conduct other award-related activities using NSF systems, you must have an NSF ID. This ID is a unique numerical identifier assigned to users by NSF through the registration process outlined below. For step by step information on how to create, view, and edit your account information, download the PDFs below.

- 😤 Register for an NSF Account to Begin Using FastLane and Research.gov Account Management Guide
- Tiew and Edit my NSF Account Profile Information Account Management Guide

Register for an NSF Account



#### About Services

Account Management

Application Submission Award Cash Management Service (ACMS) Notifications & Requests Project Reports Proposal Status Public Access



Contact Contact Help Desk



CMB CASH MANAGEMENT BRANCH



# **QUESTIONS?**

Website: www.nsf.gov/bfa/dfm/cmeab.jsp

