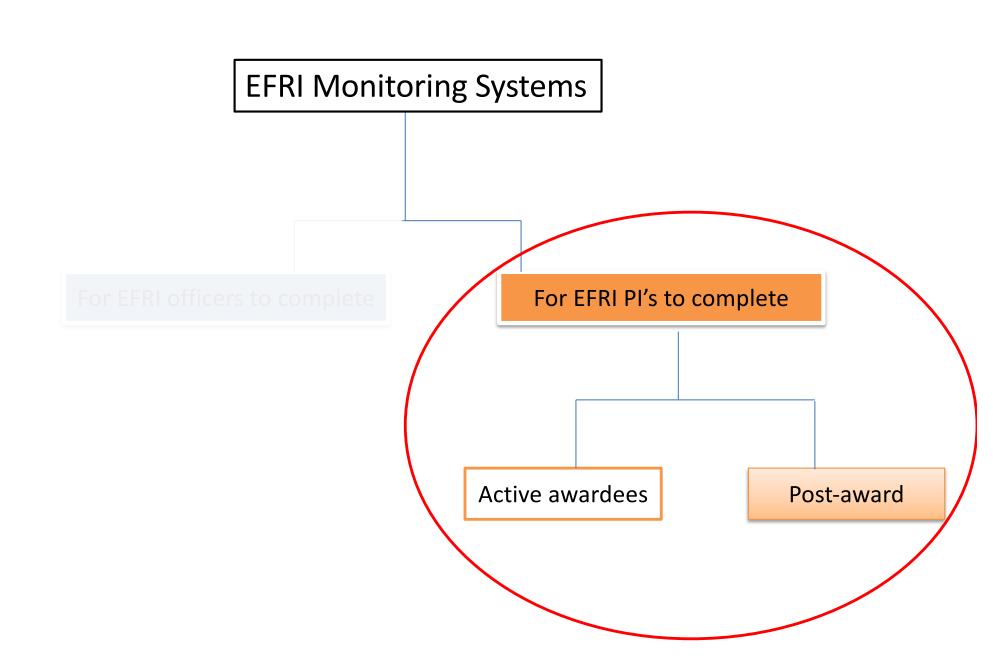
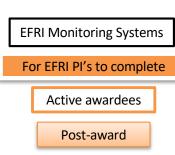


Provide the number of grants co-funded	by the agencies listed below
National Institutes of Health (NIH)	
Department of Defense (DOD)	
National Aeronautics and Space Administration (NASA)	
National Oceanic and Atmospheric Administration (NOAA)	
Department of Energy (DOE)	
Food and Drug Administration (FDA)	
Environmental Protection Agency (EPA)	
National Institutes of Standards and Technology (NIST)	
Department of Homeland Security (DHS)	
Defense Advanced Research Projects Agency (DARPA)	
Other	



Select to add additional fields





Please check the Grand Challenges and/or National Needs that this EFRI research set out to address as indicated in the grant proposal

Make solar energy economical	Reverse-engineer the brain
Provide energy from fusion	Prevent nuclear terror
Develop carbon sequestration methods	Secure cyberspace
■ Manage the nitrogen cycle	Enhance virtual reality
Provide access to clean water	Advance personalized learning
Restore and improve urban infrastructure	Engineer the tools of scientific discovery
Advance health informatics	National Need
Engineer hetter medicines	

Have there been any changes or additions to the Grand Challenges and/or National Needs that are now being addressed by the active, ongoing research?

If yes, please check all of the Grand Challenges or National Needs that the research now addresses.

Make solar energy economical	Reverse-engineer the brain
Provide energy from fusion	Prevent nuclear terror
Develop carbon sequestration methods	Secure cyberspace
Manage the nitrogen cycle	Enhance virtual reality
Provide access to clean water	Advance personalized learning
Restore and improve urban infrastructure	Engineer the tools of scientific discover
Advance health informatics	■ National Need
Engineer better medicines	

For EFRI PI's to complete

Active awardees

Post-award

Please list all collaborators/partners that you consider to be interdisciplinary

Na	me	Institution
<b>(+)</b>	Select to add addition	al fields

Please indicate the nature of the collaboration and whether the partner is international (check all that apply)

II	DI	С	NP	G	I

#### Key

#### **Degree Granting Institutions**

II = Intra-institution (within same institution)

**DI** = Domestic Inter-institution (different institutions)

#### Non-Degree Granting Institutions

**C** = Corporation

**NP** = Non-profit

**G** = Government

I = International

**EFRI Monitoring Systems** 

For EFRI PI's to complete

Active awardees

Post-award

Number of accepted publications with co-authors from different disciplines

# field only

EF	RI Monitoring Systems	
Fc	or EFRI PI's to complete	
	Active awardees	
	Post-award	

Please list all achievements of all the PI's involved in the EFRI research in the appropriate category

PI Name	Achievement	Description
Lead PI (name pre-populated)	<ul> <li>Recognition Awards</li> </ul>	
Select to add additional fiel Co-PI #1 (name pre-populated)	ds Ceadership Roles Promotions Other	
Select to add additional fiel		
Co-PI #2 (name pre-populated)		
Select to add additional fiel	ds	
Etc		

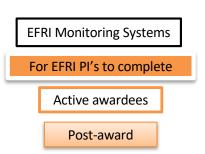
		$\neg$
EF	RI Monitoring System	S
Го	r FFDL Di's to somplet	_
FO	r EFRI PI's to complet	е
	Active awardees	
	Post-award	

Has this research generated additional funding from other sources (other NSF programs or other agencies) for all PI's and Co-PI's involved in this EFRI project research?

Please collect this data for all PI's listed below.

Past-PI's are displayed in gray, with option to add information if additional funding is in any way related to the EFRI research

PI Name	<b>Grant Title</b>	Agency	> \$2 Million/ grant
Lead PI (name pre-populated)			Yes/No
Select to add additional	fields		
Co-PI #1 (name pre-populated)			
Select to add additional	fields		
Co-PI #2 (name pre-populated)			
Select to add additional	fields		
Etc			



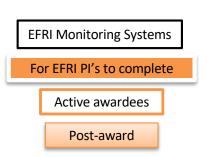
Please list any researchers who have spent more than 10% of their time in a laboratory <u>at a different institution</u> (including EFRI partner laboratories)

Name	Host Institution	Title
Select to add ad	ditional fields	Co-Pl Research Faculty
		Post-Doctorate Graduate Student
		Undergraduate Research Assistant Visiting Researcher Other

EFRI Monitoring Systems		
For EFRI PI's to complete		
	Active awardees	
	Post-award	

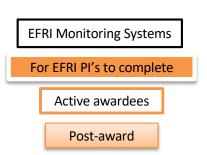
Please list any companies or start-ups that were developed directly or indirectly based on the research funded by EFRI

Companies/Start-Ups	Product/Service/or Process	Description of Product/Service/or Process	Year Founded
Select to add add	Product Service Process		
	⊚ Other		



Please answer the following questions about any licensing activity that has resulted from your EFRI research

Technology being licensed	Type of license	Year of licensing agreement			
	○ Patent				
Select to add additional	field Other				



Please list any companies that have demonstrated interest in partnering activities related to your EFRI research. Please gather this information from all leadership in the EFRI grant.

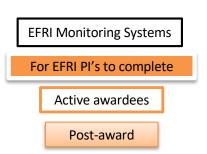
Company	Please describe nature of interest for partnership		
	Continued Conversations		
Select to add additional fields	Monetary Commitment     Contractual Agreement		
	Other		



Post award monitoring systems only

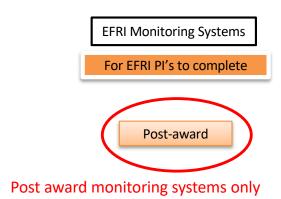
Please list new research capabilities resulting from EFRI research that is being utilized and adopted by the research community in the appropriate categories

Description	Туре
	Technique or Method
Select to add additional fields	Tool or Equipment
	Resource
	○ Model
	O Device
	Other

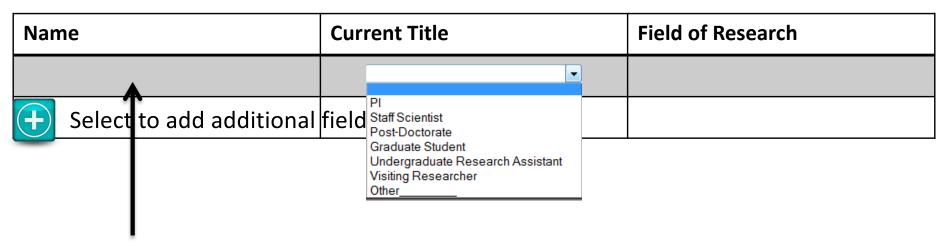


Please indicate if this EFRI research has led to curriculum changes at any educational level, collegiate or pre-collegiate

Curriculum change	Describe	Education Level
Supplement to existing course	fields	PK-12 College
Course Substitution New Program Program modification Other		



Please provide the following information about former EFRI-supported students who have become involved in high-risk/ high-reward research.

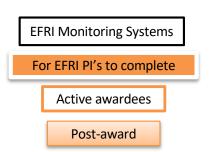


Could pre-populate fields with names of researchers from RPPR

EFRI Monitoring Systems				
For EFRI PI's to complete				
	Active awardees			
	Post-award			

Please list new indicators of new research communities that have formed around EFRI topics

New Meeti Conference	•	New Journals	New Workshops/ Working groups	News coverage/ press release	Other (ex: congressional hearings, website, social-media, professional society)
<b>Se</b>	lect to add	additional fields			



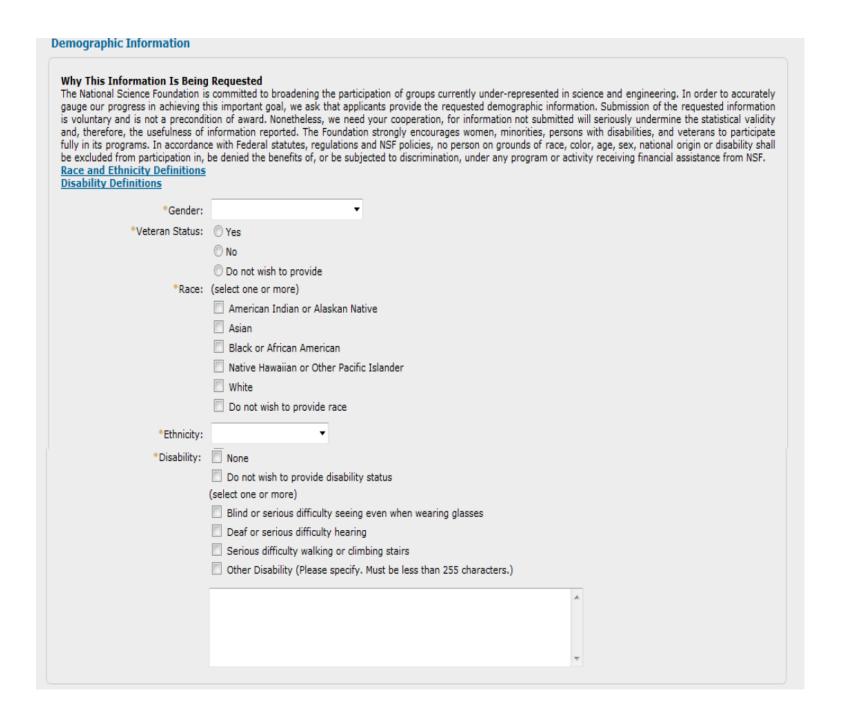
Your research team, including senior, stipend, for-credit, and volunteer personnel will be contacted to collect information on demographics and career path decisions. Please list all researchers that have participated in the EFRI research.

Name		Email	Role in the laboratory
	<b>A</b>		
<b>(+)</b>	Select to add additiona	fields	Research Faculty Post-Doctorate Graduate Student Undergraduate Research Assistant
			Visiting Researcher Other

Could pre-populate fields with names of researchers from RPPR (capturing current and past trainees within the grant)

 Auto-generate different emails for different categories of researchers (i.e., Grad students, post-docs, etc.) to be sent out to those participants asking them the questions found on the following slides

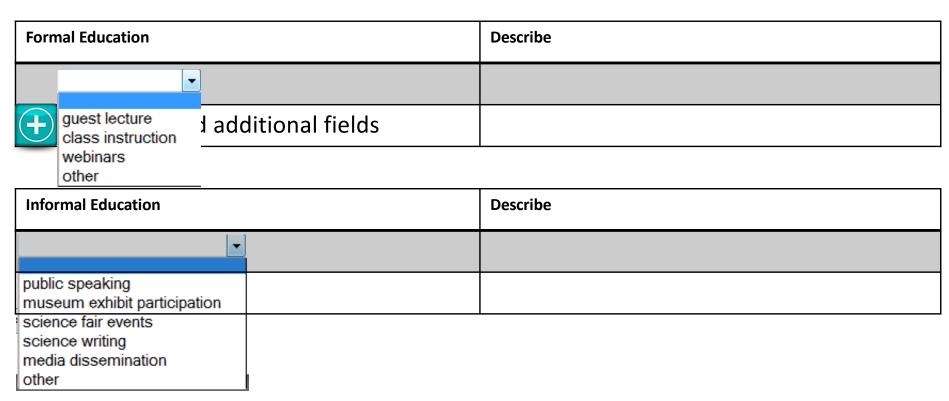
#### Email generated to researchers:



Please list any significant achievements that resulted from your EFRI research involvement.

	Achievement		Describe
	•		
(	conference presentation awards scholarships/fellowships	dditional fields	
	recognition other		

Please list any outreach activities you participated in for work related to your EFRI project?



Is there any other information you would like to share with us regarding your experience with this EFRI project?

# Questions sent to students:

					Neither		
			Strongly Disagree	Disagree	Agree nor Disagree	Agree	Strongly Agree
When I began my involvement with goal	this EFRI research, I ha	d a clear career	0	0	©	0	0
lease rate your interest in pursuing	each of the following ca	areer pathways <u>a</u>	the beginning o	f your EFRI	research ex	perience	
	Strongly DIsagree	Disagree	Neither Agree Disagree	nor	Agree	Strong	gly Agree
aculty at a research-intensive university	0	0	0		0		0
aculty at a teaching-intensive university	©	0	0		©		0
Research career, non-academic industry, pharmaceutical, piotech, government, start-up, etc.)	•	•	•		•		©
Non-research career consulting, policy, science vriting, patent law, business, etc.)	©	©	0		0	•	
Comments:							
Please rate your interest in pursuir	ng each of the following	career pathways	currently or at th	ne conclusio	on of your EF	RI resea	<u>rch</u>
	Neither Agree nor Strongly DIsagree Disagree Disagree Agree						
Faculty at a research-intensive university	0	•	0		0		0
Faculty at a teaching-intensive university	0	0	0		0		
Research career, non-academic (industry, pharmaceutical, biotech, government, start-up, etc.)	•	0	0		•		©
Non-research career (consulting, policy, science writing, patent law, business,	0	©	•		©		0

# Overall notes

- Include save and exit function
- Time and user stamped