

Federal Agency Systems Panel Discussion



Grants.gov
NIH – Commons
NSF – Reseach.gov

GRANTS.GOV Federal Demonstration Partnership



EXTERNAL EVALUATION 2019 SUMMARY & HIGHLIGHTS



External Evaluation Objectives



Increase User Adoption of Grants.gov Transformation

Start from the "grass roots"-identify "power users" of Grants.gov system



Confirm feature priorities

Based on themes extracted from the user feedback from previous year



Validate the new User Experience

Is it easier or more streamlined to complete the tasks



Identify major deltas in our functional representation of the requirements



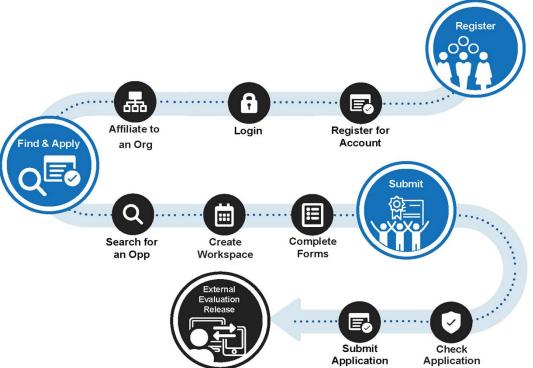
Identify major showstoppers

It's Not Too Late! Feel free to provide your feedback, we are continuing to update and enhance beta.grants.gov



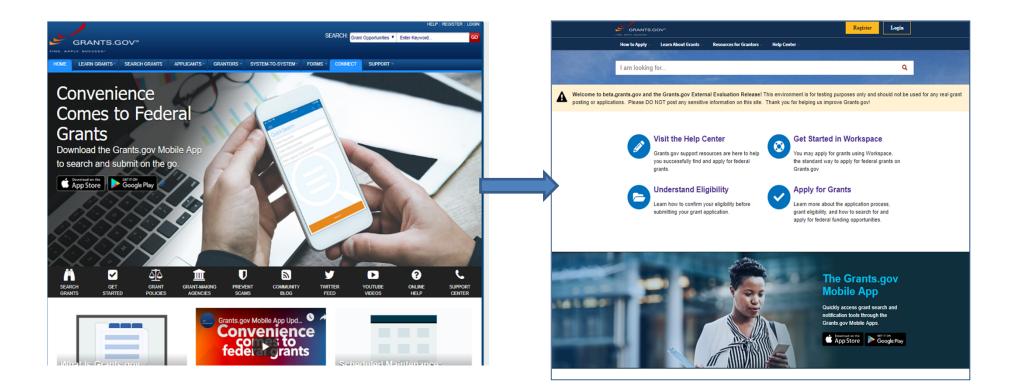
What Was Evaluated?

- Home Page
- Register for An Account
- Affiliate to an Organization
- Search for Funding
 Opportunities
- Complete an Online
 Workspace
- Check your Application
- Submit to Beta.Grants.gov





Grants.gov Home Page





Streamlined Registration

GRANTS.GOV > Register				
REGISTER				
Please enter your information below to create an Account.			Register	
 Required fields are denoted with an asteriak (*). The following special characters are ablowed question marks, periods, dashes, un <u>Password requirements</u>: Your password must contain at least eight characters include (*). <i>Gastrobic (*)</i> (*) (#) (#) (*) (*) (*) (*) (*) (*) (*) (*) (*) (*	uding: at least one uppercase letter (A-Z); at least one lowercase letter (a-z); at least one number (0-9); and at least one spe names, or your Username.	cia	First Name	
Contact Information:		_	Last Name	
*First Name:			Email	
Middle Initial:				
*Email Address:			Username	
*Primary Phone Number:				
Mobile Phone Number (US Only):				
Confirm Mobile Phone Number:	Can be used to reset forgotten password)		Password	
Account Details:			Must be at least 12 characters Must contain at least one lowercase letter (a-z)	
			Must contain at least one uppercase letter (A-Z)	
*Username:			 Must contain at least one number (0-9) Must contain at least one special character (e.g. ! @ # \$) 	
*Password: *Confirm Password:	(Case Sensitive) (Case Sensitive)		Configure Deserved	
			Confirm Password	
Communications:		_	Mobile Number	
Subscribe:	GRANTS.GOV ALERTS Yes, I want to receive email messages containing time-sensitive information about Grants.gov changes that			
Ĩ	potentially impact users. GRANTS GOV NEWSLETTER Yes, I want on creative occasional emails highlighting system enhancements, training resources, and other topics relevant to the federal grant community.		Job Title (optional)	
[Continue > Cancel		- Back to Login	



Search for Grants

SEARCH GRANTS							3	Register Login
ASIC SEARCH CRITERIA:	8	SORT BY: Posted Date (Descend	ding) • Update Sort DATE RANGE:	All Available	S	earch Tips Expor	t Detailed Data Date Range	How to Apply V Learn About Grants V Resources for Grantors V Help Center V
CFDA:	8	1 - 25 OF 2399 MATCHING RE	SULTS:		« Previou	s 1 2 3 4 5 6	96 Next »	🕹 Export Data
OPPORTUNITY STATUS:	SEARCH	Opportunity Number	Opportunity Title	Agency	Opportunity Status	Posted Date ↓	Close Date	Results 1 - 10 of 2160 Sort By Relevance 🗢 Go
Forecasted (786)		HRSA-21-618	Scholarships for Disadvantaged Students - From - UTL22	HHS-HRSA	Posted	09/20/2019	12/31/2019	
Posted (2,399)		12212011-KV-1	12212011-KV-1	KV	Posted	09/20/2019	10/31/2019	Opportunity Status Posted ×
Closed (4,595) Archived (11,715)		TEMP-7511	Title	HHS-CDC- CGH	Posted	09/20/2019	10/17/2019	Forecasted (0)
		TEMP-7514	Forecast WS test (scenario 8) No GMM - Maxim	HHS-CDC	Posted	09/20/2019	10/17/2019	Posted (2160) Save Sear
FUNDING INSTRUMENT TYPE:		HRSA-20-613	Scholarships for Disadvantaged Students	HHS-HRSA	Posted	09/20/2019	11/30/2010	Closed (20584) OPPORTUNITY
All Funding Instruments		CPD-AEDI-19-388	at_hud_automation_1589000005479	HUD	Posted	09/20/2019	11/30/20	Cancelled (0) Leveraging Health Information Technology (Health IT) to Address
Cooperative Agreement (390) Grant (2,052)		HRSA-20-614	Behavioral Health Workforce Education and Training Program	HHS-HRSA	Posted	09/20/2019	11/30/2019	Minority Health and Health Disparities (R01 Clinical Trial Optional
Cther (108)		USDA-FNS-TEST-F2S-CS-V13	FTS CoverSheet Change v1.3	USDA- FNS1	Posted	09/20/2019	12/31/2019	Funding Instrument Agency Opportunity Number Posted Date Closed Date Postri Type HHS-NIH11 PAR-19-093 11/27/2018 03/03/2021 POSTI
Procurement Contract (93)	Ŧ	USDA-FNS-TEST-F2S-CS-V131	1 FTS CoverSheet Change v1.3 (1)	USDA- FNS1	Posted	09/20/2019	12/25/2019	All Funding This funding opportunity announcement (FOA) seeks to support research that examines how heal instruments information technology adoption impacts minority health and healt
ELIGIBILITY:		PIH-MRP-19-001	at_hud_automation_1568908883633	HUD	Posted	09/19/2019	11/30/2019	Cooperative
All Eligibilities		CPD-AEDI-19-216	at_hud_automation_1568899557842	HUD	Posted	09/19/2019	11/30/2019	Agreement (742) OPPORTUNITY
City or township governments ((636)	CPD-AEDI-19-388	at_hud_automation_1568924000044	HUD	Posted	09/19/2019	11/30/2019	Procurement Contract Maternal and Child Health Public Health Catalyst Program
County governments (562)		QNG-W91QV119R5000	Simple Smoke Test	DOD-AMC	Posted	09/19/2019	09/30/2019	(16) Agency Opportunity Number Posted Date Closed Date POST
For profit organizations other the	han small	HRSA-20-608	Health Careers Opportunity Program	HHS-HRSA	Posted	09/19/2019	11/30/2019	Grant (1450) HHS-HRSA HRSA-20-041 08/12/2019 Not Available POST
businesses (176)	.	HRSA-20-607	Nurse Faculty Loan Program	HHS-HRSA	Posted	09/19/2019	11/30/2019	Other (50) To develop and/or expand MCH curriculum, competencies, and degree offerings within schools of



Complete Workspace Application Forms

	95-434 (BUR)		OMB Number: 4040			
SECTIONS: 1. Type of Submission	SF-424 (R&R) Version 3.0		Expiration Date: 10/31	Overview	SF424 (R & R) [V2.0]	
2. Data Submitted				Service Construction		
3. Date Received by State 4. Identifiers	1. TYPE OF SUBMISSION:			Forms		
5. Applicant Information	Belect Type of Bubmission:	0 Pre-application		SF424 (R & R) [V2.0]	Form checked out to you To enable others to make changes to this form you must unlock it when you exit.	
S.A. Person to be Contacted		Application		1. Type of Submission	To enable others to make changes to this form you must unlock it when you exit.	
6. Employer Identification 7. Type of Applicent		Changed/Corrected Application			OMB Number: 4040-0001 Expiration Date: 10/31/2019 View Burden Statement	
8. Type of Application				2. Date Submitted		
Name of Federal Agency 10. Catelog of Federal Domestic Assistance	2. DATE SUBMITTED:			3. Date Received By State	0%	
Number 11. Descriptive Title of Applicant's Project				4. Federal Identifier		
12. Proposed Project	Date Bubmitted:			5. Applicant Information		Expand All Collapse All
13. Congressional District of Applicant	Applicant Identifier:					
14. Project Director/Principal Investigator Contact Information	•			6. Employer Identification	1. Type of Submission	-
15. Ealimated Project Funding 16. E.O. 12372 Raview	3. DATE RECEIVED BY STATE:			7. Type of Applicant	1000 C	
17. Application Cartification	3. DATE RECEIVED BY STATE:			8. Type of Application	(required)	
18. SFLLL Disclosure of Lobbying Activities 19. Authorized Representative	Date Received by State:			9. Name of Federal Agency	Pre-application	
20. Pre-Application	State Application Identifier:				Application	
21. Cover Latter Atlachment				10. Catalog of Federal Domestic Assistance Number	Changed/Corrected Application	
22. Burden Statement	[
	4. IDENTIFIERS:			11. Descriptive Title of Applicant's Project		
	a. Federal identifier:			Contraction of the second	2. Date Submitted	+
	b. Agency Routing Identifier:			12. Proposed Project		
	o. Previous Grants.gov Tracking ID:			13. Congressional District of	3. Date Received By State	+
	I			Applicant	4. Federal Identifier	+
	f			14. Project Director/Principal	······································	T
	5. APPLICANT INFORMATION:			Investigator Contact Information	5. Applicant Information	
	Organizational DUN 8:	000000000000		15. Estimated Project		
	Legal Name:	Applicant Legal Name		Funding		
	Department			18. State Executive Order	Organizational DUNS (required)	
	Division:			12372 Process Review		
	Division:			17. Sign Application		
	Btreet:	Applicant Street 1	*		Legal Name (required)	
	Stret2:			18. Disclaimer		
	Otly:	Applicant City	*	19. Authorized		
	County / Parish:			Representative	Department	
	State:	DE: Delaware	***	20. Pre-application		
	Country:	USA: UNITED STATES	4	21. Cover Letter Attachment		
	ZIP / Postal Code;	00000000		Instructions	Division	
	ar rower 0000:			masrostiona		



External Evaluation Summary & Highlights



Total of ~90+ participants

Applicants and Grantors in Kickoffs, Guided Sessions, Office Hours



Over 50+ Applicant Organizations represented



3 Federal Agencies represented



290+ feedback items

Majority of feedback focused on enhancements and user-experience

Duration: Mon. June 17, 2019 - Fri. July 12, 2019



Applicant Organizations Who Participated

Over 50+ Applicant Organizations represented during kickoffs, guided, and office hours

- Adirondack Health Institute
- American Museum of Natural History
- AppleTree Institute for Education
- InnovationArbor Research
- Arbor Research
- Arizona State UniversityB&A Professional Grant Consulting
- Berkeley County Government
- Cayuse LLC
- Center for Rural Development
- Chesapeake Medical Communications
- Children's Aid
- City of Harrah
- College of Charleston, Cayuse
- Colorado Division of Criminal Justice
- Colorado Springs Utilities
- Colorado State University
- CSD of Knoxville, Inc.
- Duke University

- East Tennessee State University
- El Paso Community College
- Epicenter Memphis
- Florida Atlantic University
- Florida Gulf Coast University
- Florida Repertory Theatre
- · Foundant Technologies: Grant Mgmt Software
- GraceMed
- Health Choice Network
- Iowa State University
- Maricopa County Community College District (Phoenix College)
- Mercy Medical Angels
- Metro Health
- Minnesota.gov
 - Norman Public Schools
 - NV Grant Office
 - Ohio State University
 - · Ohio University
 - · Orange County Department of Education

- Red Lodge Area Community Foundation
- Shepherd Center
- Snow College
- The Research Foundation for The State University of New York
- The University of Texas Medical Branch at Galveston
- · University of California Riverside
- · University of California, Berkeley
- · University of Colorado Boulder
- University of Houston
- University of Hudson
- University of Illinois at Urbana-Champaign
- · University of Texas Medical Branch
- · University of Virginia
- · Vibrant Memphis Inc DBA Epicenter
- Western Michigan University
- Wilson Grant Consulting

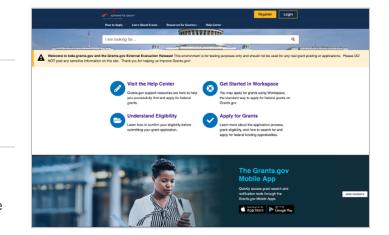


Feedback Summary





6 Grantors





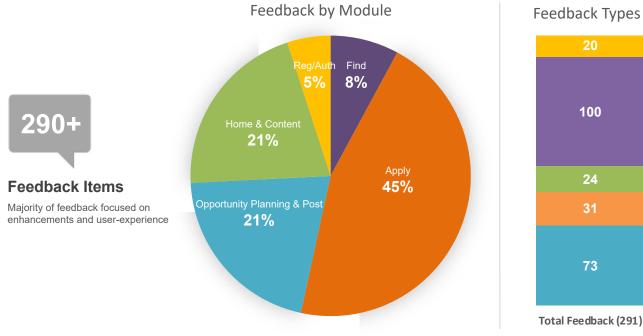
73 Anonymous feedback items

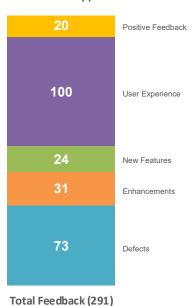
Represents people who did not provide their email address

Did not include internal team members in counts for applicants and grantors



Feedback Breakdown







External Evaluation Feedback: Enhancements/New Features

Content	Apply	Opp. Planning	Search	Reg/Auth
 More info. for Individual Applicants 	 Pre-populate forms with SAM data 	✓ Language should be clear about EST vs. EDT	✓ UX Improvement: Search bar does not clearly indicate what to search for	 Pre-populate account information with SAM data
 Privacy Policy – bold to stress importance User should be directed 	 Revisit the labels for required and optional fields in forms, consider visual cues 	 Like future ability to create new app. package template "on the fly" this is a point of interruption (esp. for 	 Navigation: Lose context within the site and lack navigation to get back to 	✓ Support additional methods to login – not only username and password
to a landing page when logged in	 Support addresses with PO Box 	new grantors) The notify button does 	where you came from ✓ Navigation: No link to	Support SMS verification code for
✓ Lacks content for S2S users	 Include a link to look up the full ZIP code including the + 4 	not allow to be selected for edits.	just go to the opp. search page.	registration verification
		 Confusing how the Opening Date is Optional but the Closing Date is not. 	✓ UX Improvement: There is a lot of scrolling.	
Cray Chackmarke, Planning to		0		

✓ Gray Checkmarks - Planning to develop

Color Checkmarks – Developed and available in beta.grants.gov

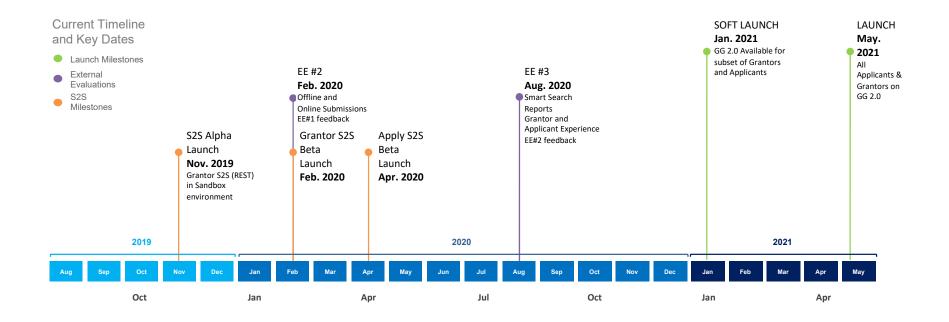


GRANTS TRANSFORMATION SCHEDULE & UPDATES



16

Grants.gov Transformation Release Milestones





What's Next?

Participate in our next External Evaluation in February 2020

- **Who:** You! And anyone who wants to participate (grantors, individuals, small business, large business, universities, and research institutions, etc.)
- What: Offline and Online forms, Submission, etc.

When: Feb. 2020

- Where: beta.grants.gov
- Why: Continual optimization leading up to product Launch

HELP US SHAPE TOMORROW'S GRANTS.GOV

<u>https://beta.grants.gov/</u> is always open and continually updated. For External Evaluation testing interest and questions, please contact <u>UAT@grants.gov</u>



Connect with Grants.gov

 Stay connected with Grants.gov through our mobile app and social media to find out more about what's coming, new training opportunities, and updated resources







QUESTIONS?





FDP eRA Commons Upcoming News

September 2019

electronic Research Administration (eRA) OER, OD, National Institutes of Health







What is an Early Stage Investigator (ESI)?

23

An Early Stage Investigator (ESI) is a Program Director/Principal Investigator (PD/PI) who has

- completed either their terminal research degree, or
- end of post-graduate clinical training within the past 10 years (whichever is later)
- And has not previously competed successfully as PD/PI for a substantial NIH independent research award.

A5 The first two bullets aren't correct. Should be 'completed either their terminal research degree or end of post-graduate clinical training within the past 10 years (whichever is later)'. Might be a better way to say it but the 10 years doesn't seem to apply to the terminal research degree the way it's written.

Author, 9/18/2019

Why Request an Early Stage Investigator Extension?

Some ESIs will experience a lapse in their research or research training or periods of less than full-time effort during the 10-year ESI period.

24

To accommodate such lapses, the NIH will consider requests to extend the ESI period, on a case by case basis at the sole discretion of NIH.

Requesting Early Stage Investigator Extension

25

Extensions may be granted for the following reasons as described in <u>NOT-OD-09-034</u>:

- Childbirth
- Family Care Responsibilities
- Clinical Loan Repayment Requirements
- Disability or Illness
- Active Duty Military Service
- Natural or Other Disaster
- Other

ESI Extension System

26

 Now available in Commons through the Personal Profile on the Education section

A2

- Used by investigators to request an extension
- Lets authorized internal users view, edit and approve or decline the requests, depending on their privileges.

Slide 26

A1	describe where Author, 9/18/2019
A2	true? Author, 9/18/2019

ESI Status Request @

Application Information

Application Name: Bailey, Anne Highest Terminal Degree: PHD

Email: squirrely@era.nih.test.gov

Commons ID: 12345678 Current ESI End Date:

+ Add Hiatus

Extension Request

All fields are required unless they are marked (Optional)

Total number of months requested for extension (please use a whole number)

2

A3

Are you requesting an extension for childbirth(s) during your initial 10yrs ESI period?

○ Yes ● No

Add Reason for Hiatus

Reason for Hiatus	Duration	Time Away from Research	Time Working	Description of Hiatus	Action
Natural Disaster	02/03/2019 - 03/31/2019	80%	20%	Rogue squirrel shorted transformer and took down neighborhood power. Same squirrel had chewed wiring on backup generator so that caused a fire and I had to relocate until repairs were completed.	✔ Edit★ Delete

General Principles for Extending the Period of ESI Status

An Early Stage Investigator (ESI) is a Program Director/Principal Investigator (PD/PI) who has completed their terminal research degree or end of post-graduate clinical training, whichever date is later, within the past 10 years and has not previously competed successfully as PD/PI for a substantial NIH independent research award. Some ESIs will experience a lapse in their research or research training or periods of less than full-time effort during the 10-year ESI period. To accommodate such lapses, the NIH will consider requests to extend the ESI period for reasons that can include *family care responsibilities, extended periods of clinical training medical concerns, disability or illness, active military service, and natural disasters*. Investigators should consult the FAQs prior to submitting a request.

Attachment(s) (Optional)

File Name	Date Uploaded	L Upload
Repair_Order.pdf	04/24/2019	View 1 Delete
Please provide comments to age	ency (Optional)	
Submit Save Cancel		

Slide 27

A3 this screen shot wont be readable Author, 9/18/2019

Early Stage Investigator Extension Resources

28

Online Help for ESIE

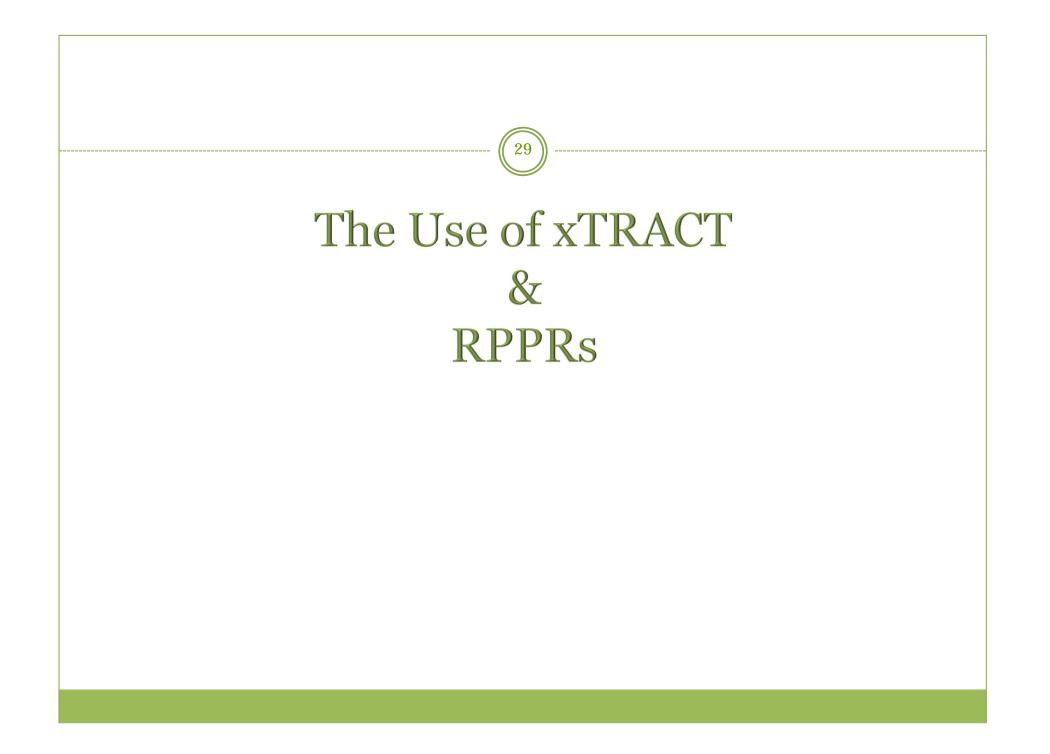
https://era.nih.gov/erahelp/ESIE_ext/Default.htm#cshid=4

Video Tutorial

https://www.youtube.com/watch?v=2Fr9gN7cymQ&feature=youtu.be

Frequently Asked Questions

https://grants.nih.gov/policy/early-investigators/index.htm



What is the Extramural Trainee Reporting And Career Tracking (xTRACT) System?

30

xTRACT is a module in the eRA Commons that allows applicants, grantees, and assistants to create Research Training Data (RTD) tables for NIH progress reports and institutional training grant applications.

The advantages to using xTRACT vs Word templates:

- xTRACT is integrated with eRA Commons
- Some data will be pre-populated in the system
- Tables can then be copied and edited for the following year's submission

Notice of Transition to the xTRACT System for Preparing Research Training Data Tables

Beginning with RPPRs due on or after October 1, 2019 NIH and AHRQ will require training data tables submitted with T32, TL1, T90/R90, and T15 applications and progress reports be created via the xTRACT system.

31

System validations will check that tables were created via xTRACT, and RPPRs that are not in compliance will be rejected.

grants.nih.gov/grants/guide/notice-files/NOT-OD-19-108.html

xTRACT will Generate Table 8

32

The Program Outcomes info populated into Tables 8A, 8B, and 8C, is drawn from the Participating Trainees and Participating Students sections, accessed from the RTD menu. Sample Table 8A. Program Outcomes: Predoctoral

Part I. Those Appointed to the Training Grant

Trainee	Faculty Member	Start Date	Summary of Support During Training	Terminal Degree(s) Received and Year(s)	Topic of Research Project	Initial Position Department Institution Activity	Current Position Department Institution Activity	Subsequent Grant(s)/ Role/Year Awarded
Cox, Charles C.	Doe, John Smith, Jerry	09/1998		MD 2003 PhD 2003	The role of Notch in blood vessel maturation		Assistant Professor Hematology Rutgers University Research-Related	HL K23/PI/2011 HL P01/Co-I/2014
Johnson, Gina R.	Doe, John	09/1998	TY 1: NSF F TY 2: NSF F TY 3: NSF F TY 4: HL T32 TY 5: HL T32 TY 6: GM R01	PhD 2003	Interactions between circadian rhythms, sleep & metabolism	Molecular Biology UC San Francisco	Research Associate Molecular Biology UC San Francisco Research-Intensive	HL F32/PI/2005 GM R01/Staff Scientist/2011
Phelps, Ryan	Vasquez, Richard		TY 1: HL T32 TY 2: HL T32	MS 2001	Viral infections	Parke-Davie	Laboratory Manager Pfizer Research-Related	

Sample Table 8B. Program Outcomes: Short-Term

Trainee	Category of Trainee	Faculty Members	Start Date	Topic of Research Project	Subsequent Training or Related Award/Role/Year
Lin, Mari G.	Medical Student	Doe, John; Smith, Jerry	07/1998	PAI 1 and cardiac fibrosis	NS R25/Participant/2003 HL K23/PI/2006
Holmes, Will M.	Medical Student	Doe, John	07/1999	Study of Nonaccidental Brain Trauma	HD K12/Scholar/2005

A4 this is too small to be readible Author, 9/18/2019

Edit Participating Trainee

33

33

A6

Once you've initiated your RPPR research training data, you may update:

- In Training Data
- Mentoring Faculty Members
- Support During Training
- Degrees
- Post-Training Positions
- Subsequent Grants
- Publications

						T Open Air Sections	
Trainee Data							
In Training Data							
Faculty Members							
Support During Training							
Degrees							
This indicates the terminal degree	e of this person.						
						Showing 1 - 2 of total 2	
Degree	Institution 🗘	Date Degree Received 🜩	Status 🜩	Received in Training 🖨	Source 🖨	Action	
OOCTOR OF PHILOSOPHY	University of Nebraska	11/2008	Completed		Commons Profile	Edit	
BACHELOR OF SCIENCE	North Park University	05/2002	Completed		xTRACT	Edit Delete	
Add Degree							
Post-Training Positions							
Subsequent Grants							
Publications							
Check this box if there are no p	publications for this trai	inee.					
Add Publication							

Slide 33

A6 Fix 'xTract'; should be 'xTRACT' Author, 9/18/2019

Finalize Research Training Data (RTD)

34

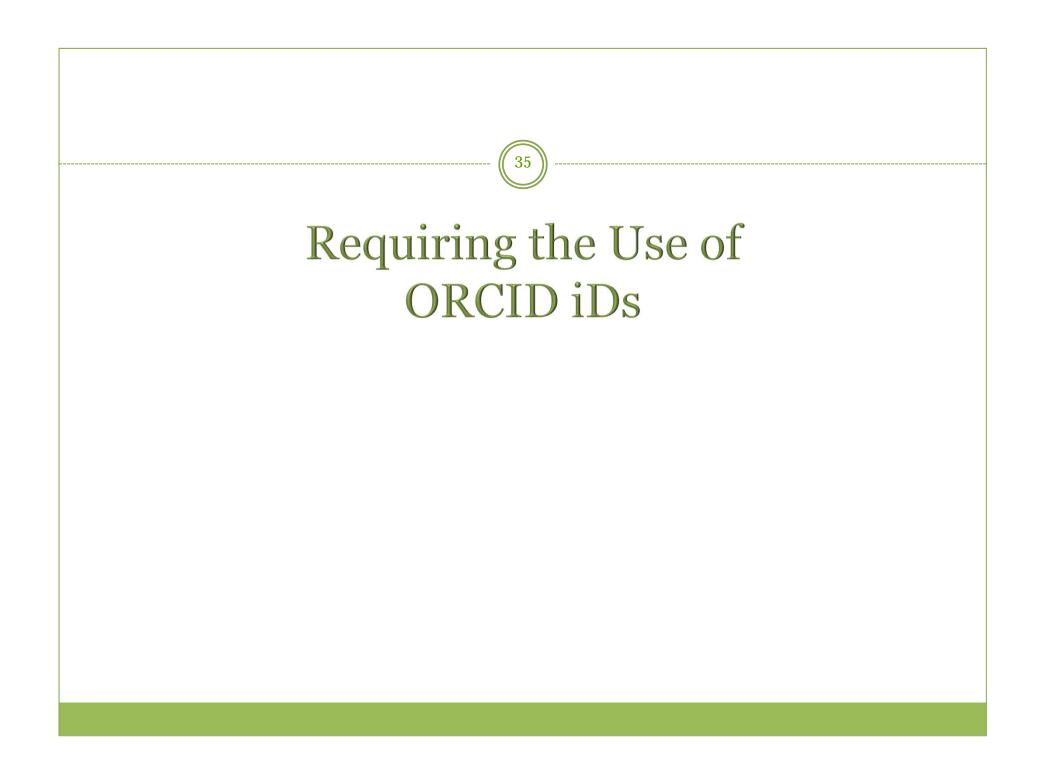
- Only the PD/PI or ASST may finalize the RTD.
- Review PDF for accuracy by using Preview PDF.
- Coming 10/01/19, once the RPPR RTD has been finalized in xTRACT, the appropriate training tables ^{A7}/₄ill be added to the RPPR PDF.

			IN RID Search to		
New Data Set Identifier	Project Title 🗘	PD/PI Name 🗢	Status 🗢	Action	
1827	Training Project	Smith, John	Final	View Training Tables Unfinalize New Application	enable editing.
1828	Training Project	Lamb, Mary	In Progress	Prepare RTD for New Application	

PD/PI or ASST

may "Unfinalize"

A7 remove comma after 'training tables' Author, 9/19/2019



Requiring ORCID iD for Individuals Supported by Research Training, Fellowship, Education, and Career Development Awards

36

In October 2019: CARCID iD for appointment of trainees, scholars, and participants through xTrain

 Includes: T03, T15, T32, T34, T35, T37, T42, T90/R90, TL1, TL4, TU2, K12/KL2, R25, R38, RL5, RL9.

For receipt dates as of January 25, 2020, ORCID required at time of application for individual fellowship and career development awards

Includes: F05, F30, F31, F32, F33, F37, F38, F99/K00, FI2, K01, K02, K05, K07, K08, K18, K22, K23, K24, K25, K26, K38, K43, K76, K99/R00.

Slide 36

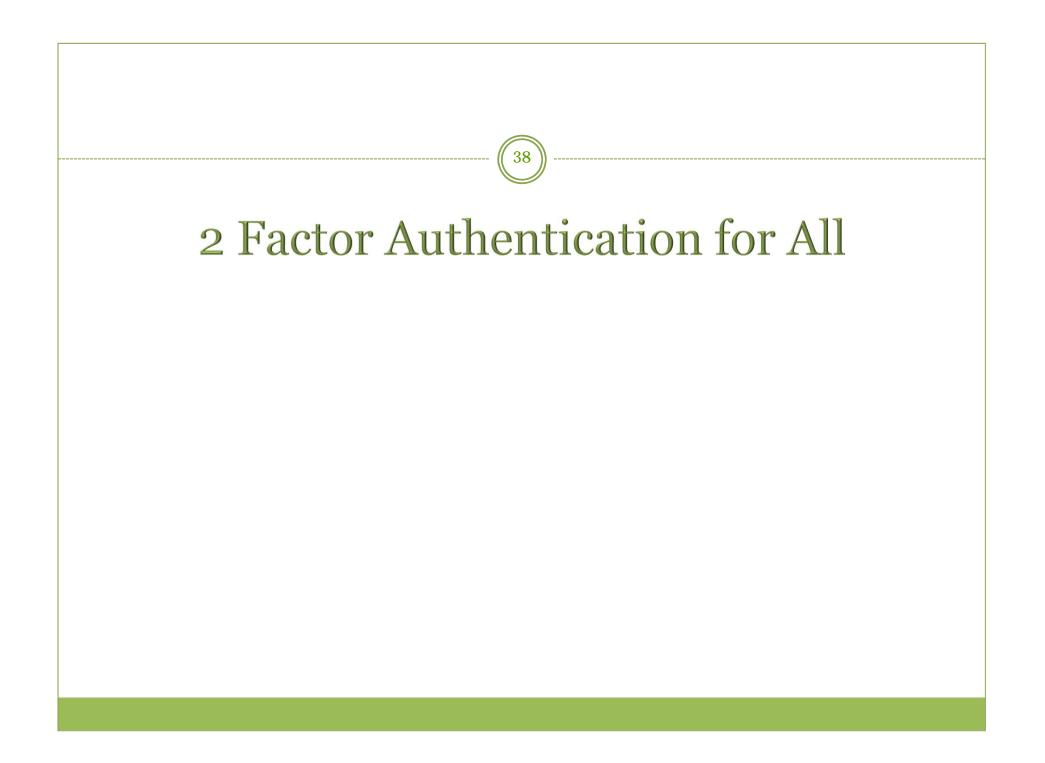
A8	Missing space		
	Author, 9/19/2019		

ORCID ID in eRA Personal Profile

37

- eRA Commons profile includes ORCID iD
- Appointees and applicants should ensure that they have provided their ORCID iD

See: <u>https://grants.nih.gov/grants/guide/notice-files/NOT-OD-19-109.html</u>



2-Factor Authentication

 eRA is working towards 2-Factor Authentication using the Federal System Login.gov

39

- Starting process with a Pilot group of Internet Assisted Reviewers next calendar year
- Working with Users and our UX team to create eRA login screens and mapping process

eRA Partners eRA Commons is used by more agencies than just NIH

40



Agency for Healthcare Research and Quality



CENTERS FOR DISEASE CONTROL AND PREVENTION





Substance Abuse and Mental Health Services Administration





QUESTIONS?





Current State and Future Plans for NSF's Grants Management Systems

David Saunders 9/23/2019





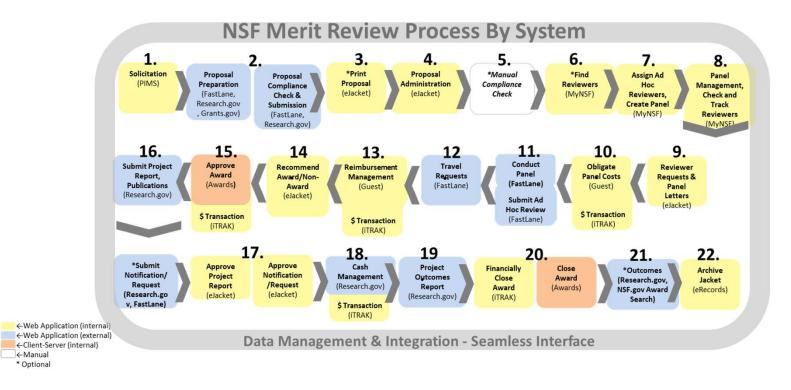
Current State of NSF's Grants Management

- NSF completed migration from paper to on-line processes in early 2000s
- Since 2009, we've been modernizing services in Research.gov (external) and MyNSF (internal)
- Key drivers for modernization
 - Improve data quality
 - Improve efficiency for staff and external community
 - Reduce cost and risk of outdated technology And, as always, comply with law and regulation
- Current philosophy is "continuous modernization"





Current State of NSF's Grants Management







Near-Future Plans for NSF's Grants Management

Platform

- Support UTF-8 characters
- Migrate to cloud hosting
- Completely de-commission client-server applications

Services

- Accelerate transition from FastLane Proposal preparation to Research.gov
- Continue enhancing review and panel administration, making it easier for program officers and reviewers to connect
- Replace the outdated interactive panel system
- Integrate with SciENcv to reduce burdens related to researcher profiles while improving data quality





Future State of NSF's Grants Management

Data Quality and Improved Access means...

• More and smarter tools (e.g., natural language processing, AI, visualization), which leads to faster, more effective decision-making

Reduced use of outdated technology allows...

- Programs to experiment with new ways of doing business
- Integration with partners for services
- Very high availability

Improved efficiency for staff and external community with...

• More intuitive interfaces, integrated experience, and compliance is baked in



QUESTIONS?