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# Form

## Privacy Impact Assessment

1.47.4

Question	Answer
1 OPDIV:	NIH
2 PIA Unique Identifier:	P-9218201-570012
2a Name:	Electronic Research Administration
	General Support System
	(GSS) Major Application
3 The subject of this PIA is which of the	Minor Application (stand-
following?	<ul><li>alone) Minor Application</li><li>(child) Electronic</li></ul>
	Information Collection
	Unknown
Identify the Enterprise Performance Lifecycle Phase of the system.	Operations and Maintenance
3b is this a FISMA-Reportable system?	Yes No
Does the system include a Website or online	
4 application available to and for the use of public?	
5 Identify the operator.	Agency Contract
	POC Title eRA ISSO
	POC Name Thomas Mason
6 Point of Contact	POC Organization
6 Point of Contact (POC):	HHS/NIH/OD/OER/ORIS/eRA POC Email
	Mason@mail.nih.gov
	POC Phone 301-45 1-9048
7 Is this a new or existing system?	
	New
8 Does the system have Security Authorization	tion (SA)? Yes Existin No
8a Date of Security Authorization	Apr 30, 2017

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Indicate the following reason(s) for updating thteragency Uses Choose from the following options.	PIA Validation (PIA Refresh/Annual Review) Management Change Anonymous to Non- Alteration in Character of Anonymous Data this PIA. New Public Access New Internal Flow or Collection Conversion Commercial Sources
impestribe iPlanteveretetallant shanges to to 10 inadvertently did not indicate that the last 4	No changes have occurred that digits of the SSN are collected and stored.
11 Describe the purpose of the system.	The Electronic Research Administration (eRA) provides critical Information Technology (IT) infrastructure to manage over \$30 billion in research and non-research grants awarded annually by NIH and other grantor agencies in support of the collective mission of improving human health. Agencies supported include: Agency for Healthcare Research and Quality (AHRQ) Centers for Disease Control and Prevention (CDC) Food and Drug Administration (FDA) Substance Abuse and Mental Health Services Administration (SAMHSA) Veterans Administration (VA)  eRA is recognized as an NIH Enterprise System and is a designated Center of Excellence by the U.S. Department of Health and Human Services (HHS). eRA is used as a grants management shared service provider by other federal agencies to manage their grants. The eRA system aligns with Grants.gov (the one-stop Web portal for finding and applying for federal grants), allowing for full electronic processing of grant applications from application submission through closeout of the grant award.  The eRA program is a component of the NIH Office of Extramural Research (OER), headquartered in Bethesda, Maryland. Additional program information can be found at the eRA home page, following this link, https://era.nih.gov.

Describe the type of information the system will collect, maintain (store), or share. (Subsequent questions will identify if this information is PII and ask about the specific data elements.)

The type of information eRA collects, stores and shares include personally identifiable information (PII) such as: name, e-mail address, phone numbers, education information, mailing address, ethnicity, gender, race, and last four digits of SSN.

eRA has implemented role-based access controls which limits administration and functional user privileges.

Authentication (allowing users to log in to the system) is handled by NIH Login, which is administered by CIT's Identity and Access Management Team. NIH Login has its own approved PIA and Authority to Operate.

NIH Login permits authentication to eRA via PIV Cards (for agency users) and username/password for external (grantee) users. Passwords are stored by NIH Login and subject to their PIA.

Authorization (assigning roles and privileges to users) is handled within the eRA system, and the roles assigned to users are stored within the eRA database.

eRA supports the full grants life cycle and is used by applicants and grantees worldwide.

eRA maintains a variety of pre-award and award management records that contain information needed to process applications and manage grant awards across the award lifecycle.

The type of information eRA collects, stores and shares include personally identifiable information (PII) such as: name, e-mail address, phone numbers, education information, mailing address, ethnicity, gender, race, and last four digits of SSN.

Listed below are the categories of individuals, with pre-award and award management records collected about them:

Applicants for or Awardees of awards - pre-award and award management (awardees) information;

Individuals named in applications, , or awards - pre-award and award management (awardees) information;

Referees - pre-award information;

Peer Reviewers - pre-award information;

Individuals required to report inventions, award management information; and

Academic medical faculty, medical students and resident physicians - award management information.

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Authorization (assigning roles and privileges to users) is handled within the eRA system, and the roles assigned to users are stored within the eRA database.

14 Does the system collect, maintain, use or share PII?

Provide an overview of the system and

(store), or share, either permanently or

13 information it will collect, maintain

describe the

temporarily.

Ye

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No

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		Social Security Number	Date of Birth
		Name	☐ Photographic Identifiers
	• 3 3	☐ Driver's License Number	☐ Biometric Identifiers
		☐ Mother's Maiden Name	☐ Vehicle Identifiers
		E-Mail Address	Mailing Address
		Phone Numbers	$\square$ Medical Records Number
		Medical Notes	$\square$ Financial Account Info
		☐ Certificates	$\square$ Legal Documents
1	Indicate the type of PII that the system will collect or maintain.	<b>Education Records</b>	$\square$ Device Identifiers
5		☐ Military Status	☐ Employment Status
		☐ Foreign Activities	☐ Passport Number
		☐ Taxpayer ID	
		Employees	
	Indicate the categories of individuals about	Public	
1		Citizens	
6	whom PII is collected, maintained or shared.		ntacts (Federal, state,
	Silai ea.		ors/Suppliers/Contractors
		Patients	
		Other	- I
1	How many individuals' PII is in the system?	100,000-999,999	

18	For what primary purpose is the PII used?	The primary purpose of Personally Identifiable Information (PII) entered into eRA modules is for NIH grant proposal submission and administration business processes. When a user account is established at the request of the individual, PII is requested about users in the roles of applicants, awardees of the institutional organization staff and or key personnel. Submission of PII is voluntary; however, in order to process a transaction, most fields are required.  The records contained within this system will pertain to the following categories of individuals:  Applicants for or Awardees of awards - pre-award and award management (awardees) information;  Individuals named in applications, or awards - pre- award and award management (awardees) information;  Referees - pre-award information;  Peer Reviewers - pre-award information;  Individuals required to report inventions, award management information; and,  Academic medical faculty, medical students and resident physicians - award management information.
19	Describe the secondary uses for which the PII will be used (e.g. testing, training or research)	As an NIH enterprise system and HHS Center of Excellence, eRA uses aggregate data (including some PII) for internal evaluation purposes: including trend analysis, budget and business forecasting.
20	Describe the function of the SSN.	Full Social Security Numbers are not used within the system. The last 4 digits of the SSN are used to assist in identifying and disambiguating individuals.
20 a	Cite the <b>legal authority</b> to use the SSN.	Executive Order 9397

21	Identify <b>legal authorities</b> governing information use and disclosure specific to the system and program.	Privacy Act 5 U.S. Code Organization Department 42 U.S.C. § Advisory Code U.S.C. § Research at 42 U.S.C. § Organization 42 U.S.C. § Organization 42 U.S.C. § Organization 42 U.S.C. § Director NI Service Act Institutes 42 U.S.C. Advisory Code Service Act Awards 44 U.S.C. § Records, Redads 35 U.S.C. § made with 48 C.F.R. Scompetitive and 37 C.F. 44 U.S.C. § for Records	uthorities to operate and maintain this records system are: § §301- U.S. Government on and Employees - operate and Employees -	
22	Are records on the system retrieved by one or more PII data elements?		Yes O No	
22a	Identify the number and title of the Privacy A System of Records Notice (SORN) that is be Published: to cover the system or identify if a is being developed.	ing used	SORN 09-25-0225 "NIH Electronic Research Administration (eRA) Records, HHS/NIH/OD/OER  SORN 09-25-0036 "NIH Extramural Awards and Chartered Advisory Committee (IMPAC II), Contract Information (DCIS), and Cooperative	
			☐ In Progress	•

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	•	whom the information $\Box$	In-Person
	_ [	П	Hard Copy:
	•	Mail/Fax	riara copy.
	1	- , -	Ema
	•		il
			Onlin
			е
23 Identify th			
ldentify th	ne sources of PII in the system.	Other Government S	
			Within the OPDIV Other
			HHS OPDIV
			State/Local/Tribal
			Foreign
		<u>—</u>	Other Federal
			Entities
		Other Non-Governme	ent Sources
			Members of the
		Public 🗌	Commercial
		Data Broker $\square$	Public
		Media/Internet	
			Private Sector
			Other
aa Identify th	ne OMB information collection	OMB # 0925-0001 Expira	tion
	approval number and expiration date.	Date:03/31/2020 OMB # (	
u		Expiration Date:03/31/202	
24 Is the PII o	shared with other organizations?	Ye	es es
2 7 13 (110 11113	marca man other organizations:	O No	0

#### Within HHS

NIH Institutes and Centers (ICs) will have access for daily job duties supporting eRA award programs and related processes. Partnered agencies within HHS will have access to Personally Identifiable Information as well for the purpose of administering and facilitating joint grant and award programs.

Other Federal Agency/Agenc

ies

For Agency partners using the eRA system, such as the Department of Defense (DoD) and Veterans Affairs (VA), access to PII will be for the purpose of administering and facilitating joint grant and award programs.

The Department of Justice (DoJ) or to a court or other adjudicative body when a potential violation of law has occurred, there is an ongoing litigation involving a participant of an eRA program, or an employee is being represented by the DoJ or participating

State or Local

24a Identify with whom the PII is shared or disclosed and

Agency/Agencies for what purpose.

When there is a violation of a law, disclosure may be made to the appropriate authority for enforcing, investigating, or prosecuting the violation.

A record from this system may be disclosed for hiring or retention of an employee, the issuance or retention of a security clearance, the letting of a contract, or the issuance or retention of a license, grant or other benefit.

Private Sector

To a partnered research party for the purpose of participation in an eRA grant or award funded initiative. These parties are vetted by NIH and must abide by federal regulations, laws, and NIH mandated security, privacy, and records requirements.

To qualified experts not within the definition of agency employees as prescribed in agency regulations or policies to obtain their opinions on applications for grants, Cooperative Research and Development Agreements (CRADAs), inventions, or other awards as a part of the peer review process.

published and/or data uses have changed since the notice at in the Federal Register to provide notice of any significant the time of original collection). Alternatively, describe revision. why they cannot be notified or have their consent obtained. 28

Describe the process in place to resolve an individual's concerns when they believe their PII has

29 been inappropriately obtained, used, or disclosed, or that the PII is inaccurate. If no process exists, explain why not.

#### CONTESTING RECORD PROCEDURE (REDRESS):

As described in the exemption clauses of SORN 09-25-0225 certain material will be exempt from amendment; however, consideration will be given to all amendment requests addressed to the System Manager. Individuals whose information is contained in the records can write to the System Manager, reasonably identify the record and specify the information being contested, state the corrective action sought and the reason(s) for requesting the correction, and provide supporting information.

The right to contest records is limited to information that is factually inaccurate

Describe the process in place for periodic reviews of PII contained in the system to ensure the data's integrity, availability, accuracy and relevancy. If no processes

are in place, explain why not.

3

PII is obtained from the subject individual. They have unlimited access to the system through the eRA "Commons" to update or correct the information or to change their decision regarding use of the information as part of aggregate data.

eRA performs regression testing to ensure functionality with every release to ensure PII is not compromised. eRA has reduced the PII collected as data and for display on forms within Commons. The policy office clears data collection efforts via OMB annually.

In addition, the integrity, availability, and relevancy of PII in eRA is maintained via: Daily and weekly backups.

Real-Time Data replication to an offsite location certified by NIH

Daily reviewed audit reports to determine if any unauthorized user(s) have accessed the system and/or database and if any system parameters have been modified without prior authorization on system and/or database

Annual recertification of users via designated NIH Institute Center or Office Coordinator.

<u>Accounts identified as no longer required are</u>

	•		,	
	]	Users	External users (grantees) have access to PII they provided and will be able to update their PII only. Access to others' PII is restricted. Individuals may also	
31	Identify who will have access to the PII in the system and the reason why they	Administrato rs	Administrators have access to the entire system to ensure they are operating efficiently; patching and other maintenance related activities	
	require access.	Developers	Developers have access to PII to develop new features and functionality to ensure data integrity and quality.	
		Contractors	Direct Contractors have access to PII to support users and to maintain system functionality.	
		Others	Referees - pre-award information; Peer Reviewers - pre-award information;	
			For examples, individuals who will	
3 2	Describe the procedures in place to determine which system users (administrators, developers, contractors, etc.) may access PII.	Access is strictly limited according to the principle of least privilege, which means giving a user only those privileges which are essential to that user's work.		
3	Describe the methods in place to allow those with access to PII to only access the minimum amount of information necessary to perform their job.	eRA has implemented role-based access controls which limits administration and functional user privileges. Role based access has been implemented across eRA. Privacy and Security controls to ensure proper protection of information by allowing users only access to the minimum amount of PII necessary to perform their job.		
3 4	Identify training and awareness provided to personnel (system owners, managers, operators, contractors and/or program managers) using the system to make them aware of their responsibilities for protecting the information being collected and maintained.	The NIH Security Awareness Training course is used to satisfy this requirement. According to NIH policy, all personnel who use NIH applications must attend security awareness training every year.  There are four categories of mandatory IT training (Information Security, Counterintelligence, Privacy Awareness, and Records Management).		
3 5	Describe training system users receive (above and beyond general security and privacy awareness training).	System users are provided guidance about proper usage of PII and privacy awareness. Users are also required to agree to the eRA Rules of Behavior and Data Access Agreements.		
3 6	Do contracts include Federal Acquisition Regulation and other appropriate clauses ensuring adherence to privacy provisions and practices?	Ye s O No		

Item E-0001 (DAA-0443-2013-0004-0001) Official case files of construction, renovation, endowment and similar grants.

Disposition: Temporary. Cut off annually following completion of final grant-related activity that represents closing of the case file (e.g., project period ended). Destroy 20 years after cut-off;

Item E-0002 (DAA-0443-2013-0004-0002) Official case files of funded grants, unfunded grants, and award applications, appeals and litigation records.

37 regard to the retention and destruction of PII. Cite specific records retention schedules.

Disposition: Temporary. Cut off annually following Describe the process and guidelines in place witimpletion of final grant-related activity that represents closing of the case file (e.g., end of project period, completed final peer review. litigation or appeal proceeding concluded). Destroy 10 years after cut-off;

> Item E-0003 (DAA-0443-2013-0004-0003) Animal welfare assurance files. Disposition: Temporary. Cut off annually following closing of the case file. Destroy 4 years after cut-off; and,

Item E-0004 (DAA-0443-2013-0004-0004) Extramural program and grants management oversight records. Disposition: Temporary, Cut off annually, Destroy 3

#### Administrative Safeguards:

Controls to ensure proper protection of information and information technology systems include, but are not limited to, the completion of a: Security Assessment and Authorization (SA&A) package Privacy Impact Assessment (PIA)

Mandatory annual NIH Information Security and Privacy Awareness training - or comparable specific in-kind training offered by participating agencies that has been reviewed and accepted by the NIH eRA Information Systems Security Officer (ISSQ)

The SA&A package consists of a:
Security Categorization
e-Authentication Risk
Assessment System
Security Plan
Evidence of Security Control
Testing Plan of Action and
Milestones Contingency Plan
Evidence of Contingency Plan Testing.

Describe, briefly but with specificity, how the PII will

38 be secured in the system using administrative, technical, and physical controls.

When the design, development, or operation of a system of records on individuals is required to accomplish an agency function, the applicable Privacy Act Federal Acquisition Regulation (FAR) clauses are inserted in solicitations and contracts.

### Physical Safeguards:

Controls to secure the data and protect paper and electronic records, buildings, and related infrastructure against threats associated with their physical environment include, but are not limited to, the use of the HHS Employee Persona Identity Verification (PIV) ID and/or badge number and NIH key cards, security guards, cipher locks, biometrics, and closed-circuit TV. Paper records are secured under conditions that require at least two locks to access, such as in locked file cabinets that are contained in locked offices or facilities. Electronic med a are kept on secure servers or computer systems.

### Technical Safeguards:

eRA data is encrypted in transit, in use, and at rest. Controls executed by the computer system are employed to minimize the possibility of unauthorized access, use, or dissemination of the data in the system. They include, but are not limited to user identification, password protection, firewalls, virtual private network, encryption, intrusion detection system, common access cards, smart cards, biometrics and public key infrastructure.

39 Identify the publicly-available URL:

https://public.era.nih.gov/ commons https://iEdison.gov https://Edison.gov

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40 Does the website have a posted privacy notice?		• Ye s		
		Ω No		
Is the privacy p	policy available in a machine-	Ye		
40a readable forma	olicy available in a machine- t?	S		
		<b>◎</b> No		
Does the websit	e use web measurement ion techno <u>logy?</u>	Ye s		
12 0 00.010	·	- No		
		Technologi	Collects PII?	
		es	○ Yes	
		beacons	No	
		Deacons	○ Yes	
Select the type	of website measurement and	☐ Web bugs	No	
41a customization t	echnologies is in use and if	□ Web bugs	Ye	
it is used to col apply)	lect PII. (Select all that	Session	S	
др.,,		3 333.3.1	No	
		Cookies	○ Yes	
			No You	
		Persisten 6	Yes No	
		Cookies	140	
		· ·		
		Other N/A		
Does the websit	e have any information or at children under the age			
of thirteen?	at children ander the age	Ye s		
		No		
		Yes		
Does the websit	e contain links to non- ment websites external to	○ No		
Is a disclaimer	notice provided to users	Yes		
that follow 43a exte	ernal links to websites not			
owned or operated HHS?	ру			
General Comments				
		T		
OPDIV Senior		HHS Senior		
Official for		Agency Official for		
Privacy Signature		Privacy		
		1		