



SRA INTERNATIONAL
ANNUAL MEETING
CHICAGO 2024
OCTOBER 26-30

It's a New ERA in Research Administration



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Tell Us Something about yourself

Nobody has responded yet.

Hang tight! Responses are coming in.

Research Administration Experience

0-5 Years (A)

6-10 years (B)

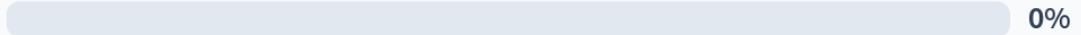
11-15 years (C)

16-20 years (D)

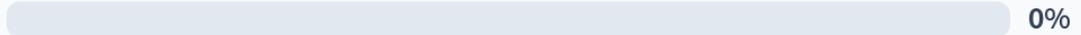
Over 20 years (E)

Research Administration Experience

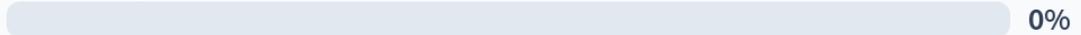
(A) 0-5 Years



(B) 6-10 years



(C) 11-15 years



(D) 16-20 years



(E) Over 20 years



What is your current role?

Central Office Pre-Award **(A)**

Central Office Post Award **(B)**

Departmental Administrator **(C)**

Senior Leadership **(D)**

Other **(E)**

What is your current role?

(A) Central Office Pre-Award

0%

(B) Central Office Post Award

0%

(C) Departmental Administrator

0%

(D) Senior Leadership

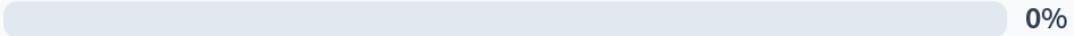
0%

(E) Other

0%

What is your current role?

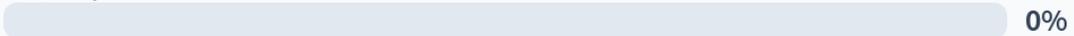
(A) Central Office Pre-Award



(B) Central Office Post Award



(C) Departmental Administrator



(D) Senior Leadership



(E) Other



How are you currently submitting proposals?

Vendor System (ie: Cayuse, InfoEd, Quali, Stramlyn) **(A)**

Homegrown System **(B)**

Sponsor Portals **(C)**

Multiple Systems **(D)**

None of the above **(E)**

Historical Perspective

Description

Grant electronic submission systems represent a significant leap forward in the efficiency and fairness of the grant application process. By embracing digital technologies, these systems simplify administrative tasks and promote transparency and accountability. As the digital landscape continues to evolve, ongoing improvements to these systems will likely further enhance the grant application experience for both applicant organizations and sponsors. This session offers an overview of the most commonly used electronic research administration (eRA) systems that assist in finding funding opportunities and submitting proposals to sponsors. Proposal development tools such as NIH Commons and ASSIST, Research.gov, Grants.gov, and the NIH RePORTER, etc. will be discussed. Common electronic submission systems such as Workspace Grants.gov and NSF research.gov will be overviewed with more discussion of other systems such as Proposal Central, NSPIRES, e-Grants, etc. Strategies and tips for successful submissions will also be discussed. Lastly, let's walk through a historical perspective of ERA and discuss areas of pre-award, post-award, effort reporting, conflict of interest, and compliance systems.

Learning Objectives

- Identify key features of common electronic proposal submission systems and standard compliance issues relevant to pre-award processes
- Review expectations of major federal electronic submission programs such as Grants.gov, NSF Research.gov, e-Grants, and Proposal Central.

Historical Perspective

“Back in the day” ... original paper grant plus 5 copies had to be mailed to NIH. This was obviously a herculean task for Principal Investigators and research administrators.

This was well before we could remote into our desktops so there were many “all-nighters” in our offices to get grants submitted on time!

FedEx and Direct Flights were our friends!

NIH Grant Receipt Room



Historical Perspective



- **PUBLIC LAW 106–107 (1999)**

- In a nutshell, this law was passed to require all federal agencies to use [one portal](#) for funding opportunities and grant submissions.
- The grants.gov portal was the first initiative with the biggest impact on higher education research opportunities.
- First major deadline for electronic submissions for NIH R01 grants was June 2005.
- The form package used a product called PureEdge. In Dec 2009, Adobe-based grant applications replaced PureEdge and became the standard for NIH submissions.

Historical Perspective

- **PUBLIC LAW 106–107 (1999)** *(cont'd)*
 - While PL 106-107 was allowed to expire in 2007, a few of the directives still remain in place today.
 - In 2011, OMB replaced the “Grants Policy Committee (GPC)” directed by PL 106-107 with the Council on Financial Assistance Reform, aka COFAR.
 - Advice from the NIH and GPC indicated that any institution that submits over 100 proposals per year should deploy a system-to-system (S2S) submission software.
 - Several firms began configuring their databases and software programs for S2S around 2001 with the government’s support and instruction.

Historical Perspective

Today, despite hope in the early years of one portal, one system, one set of forms, etc. for ALL federal sponsors, we have the following:

- **Government-wide systems:** 4 (sam.gov, FFATA, Grants.gov, & Federal Audit Clearinghouse)
- **Award Management Systems:** 45 (too many to list...DOD alone has 4, USDA has 5, while HUD has 8!!)
- **Payment Management Systems (PAMs):** 7 online systems

System-to-System

An eRA system provides a way to conduct research administration processes and transactions electronically, such as proposal submissions to an extramural sponsor. Using an eRA system has several benefits:

- it eliminates paper, files, file cabinets
- helps automate compliance with rules and regulations
- enables reporting and analysis
- Can be accessed remotely from anywhere (vpn enabled)

System-to-System (S2S) Proposal Submissions

There are only a few electronic systems to pull in the funding opportunity requirements, allow data entry, and form attachments along with other components that automatically transfer the data stream to the government systems. These are the primary systems:

- Cayuse
- Huron Research Suite
- Kual
- Streamlyne
- InfoEd Global



These systems also retain a full copy of the submitted proposal, allow status updates, award entries, compliance checks, and organize the package for both pre- and post-award purposes.

Compliance eRA Systems

Much like S2S, there are also electronic systems for the submission of COI Disclosures, IRB, IACUC, RAD Safety, and other safety committee protocol submissions. Some of these are the same as S2S and integrate all related compliance components to the grants and contract submissions.*

- Huron
- InfoEd Global
- IRBNet
- IRB Manager
- Topaz (IACUC)
- Kual Research
- Cayuse
- eProtocol
- Streamlyne
- Key Solutions
- Animal BioWare
- One Aegis

We are also seeing AI software for research misconduct becoming a necessary tool for research administrations. Looking forward to eRA systems beginning to incorporate other research compliance areas such as research security/export control, foreign influence, and research misconduct into their SAAS systems.

* List is not all-inclusive

System-to-System

In summary, the history of eRA and S2S solutions reflects a gradual transition from paper-based processes to fully digital, interconnected systems aimed at making the research funding process more efficient, transparent, and accessible to the scientific community.

How are you currently submitting proposals?

(A) Vendor System (ie: Cayuse, InfoEd, Quali, Stramlyn)

0%

(B) Homegrown System

0%

(C) Sponsor Portals

0%

(D) Multiple Systems

0%

(E) None of the above

0%

How are you currently submitting proposals?

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0%

(B) Homegrown System

0%

(C) Sponsor Portals

0%

(D) Multiple Systems

0%

(E) None of the above

0%

What organization do you work for?

Nobody has responded yet.

Hang tight! Responses are coming in.

Essential Steps

Overview of Major Electronic Proposal Submission Platforms



Grants.gov: A central portal for federal grant opportunities and submission

Research.gov: National Science Foundation for proposal submission and grants management

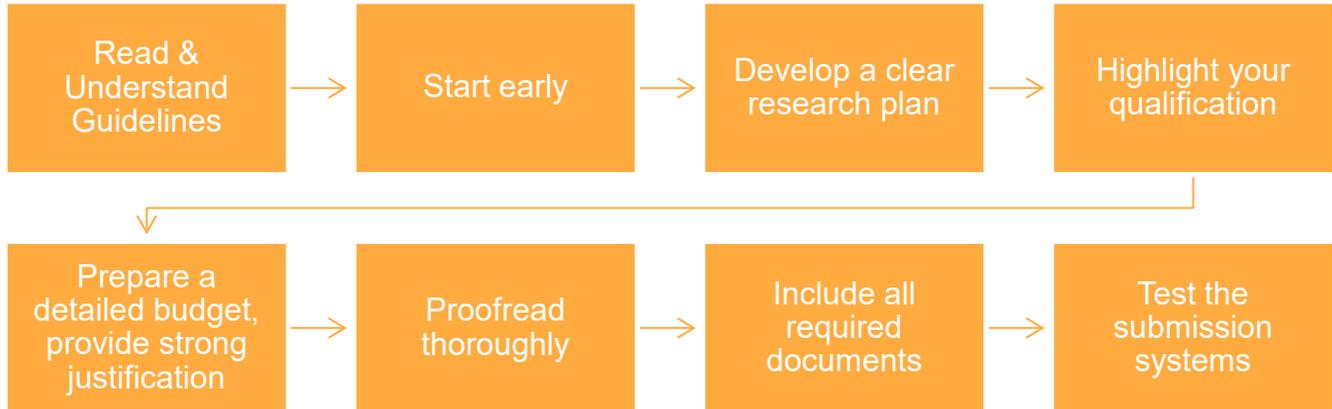
ASSIST: Exclusively used by the National Institutes of Health (NIH) for proposal submissions

NSPIRES: NASA's platform for both submitting proposals and managing grants

ProposalCentral: A web-based platform used by various research funding organizations to manage grant applications

Dual Submission Portals:
PAMS (Department of Energy): For preliminary applications.
JustGrants (Department of Justice): For final proposal submissions.

Key Strategies for Crafting Successful Proposals through Electronic Portals



Effective Strategies for Submitting to Grants.gov



Key Tip: Gain a deep understanding of the agency's mission and priorities. Tailoring your proposal to these objectives significantly enhances the likelihood of approval.



Early Registration: Initiate your Grants.gov registration at least five business days before starting your application to avoid delays.



Workspace Creation: Establish a workspace on Grants.gov. This feature enables online collaboration, allowing team members to contribute and route the application for internal review efficiently.



Workspace Completion: Ensure all team members add their contributions, complete all necessary forms, and perform thorough checks for any errors prior to submission.

Introduction of Proposal Central



proposalcentral

Help ▾

Opportunities

Resources

Announcements

About Altum

CONTACT US

I AM A(N)



APPLICANT OR AWARDEE



PEER REVIEWER



FUNDER



INSTITUTION



TIP: Be aware of the submission deadline and ensure ample time for thorough review of errors

ProposalCentral for Applicants & Awardees.

ProposalCentral enables researchers to tap into funding, get credit for their contributions, and realize the full potential of their scientific efforts.

\$28.5 Billion
Funded Grants.

280+
Funding Organizations.

1 Million
Research Applications.



Applicant or Awardee

Sign in to ProposalCentral to search for funding opportunities, submit grant applications, or manage your profile.



LOGIN WITH ORCID



OR

USERNAME OR EMAIL

PASSWORD

LOGIN

[Forgot your password?](#) | [Need an account?](#)

Essential Steps for Successful Submissions through ProposalCentral for Nonprofits and Foundations

Familiarize Yourself with the Platform:

- Sign up on ProposalCentral to start accessing funding opportunities. Ensure your profile information is complete and accurate to facilitate smoother application processes.

Initiate Proposal Application:

- Select 'New Proposal' or find an existing call for proposals that aligns with your research interests. Begin your application by entering preliminary information.

Complete Application Forms:

- Fill out all required sections of the application form. This includes project descriptions, budget details, and necessary supporting documents. Utilize built-in guidance to help ensure all data is accurately captured.

Review and Edit:

- Thoroughly review your application for any errors or omissions. Consider having a colleague or mentor proofread your proposal to provide feedback and ensure clarity and coherence in your proposal narrative.

Submit Proposal:

- Once reviewed, submit your proposal through ProposalCentral. Ensure you receive confirmation of submission. Keep track of your submission status through the platform

Post'ish Compliance & Reporting

Effective Strategies for Post-Award Reporting



Key Tip: Read the Notice of Award thoroughly. This will outline the sponsor requirements.



Early Registration: Initiate your portal registration early.



Work collaboratively with PI, Departmental Admin and Central Office



Set calendar Reminders & Read emails thoroughly.



Science Experts Network
Curriculum Vitae

- Part of the NCBI that creates biosketches
- **Mandated for NSF proposals Oct 23, 2023**
- Integrated with PubMed & ORCID



Inputs

- eRA Commons
- NCBI My Bibliography
- Research.gov
- ORCID
- Hand-entered information

Integration

- IDs
- Name
- Affiliation
- Education
- Honors
- Awards
- Personal Statement
- Contributions
- Grants
- Publications
- Collaborators
- Patents
- Etc.

Outputs

- NIH Biosketch
- NIH Fellowship Biosketch
- NSF Biosketch
- NSF C&P Support
(DOE Office of Science requires NSF-approved C&P format)

PDF Documents to save to computer

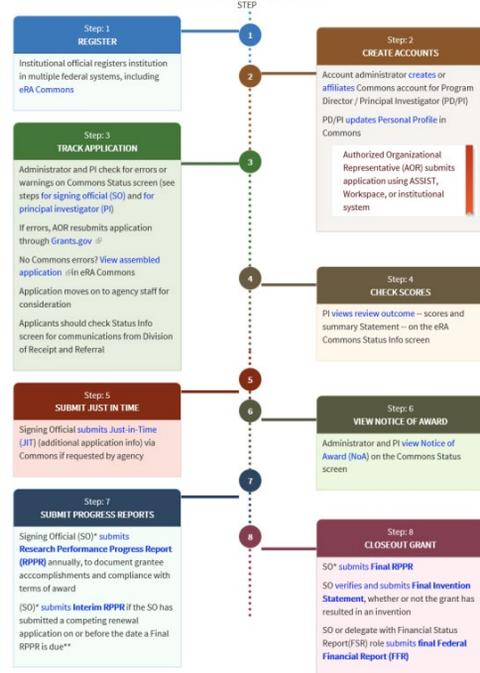




- Register
- Institution Creates Account
- Track Application
- Check Your Review Scores
- Submit Just In Time Information
- View Notice of Award
- Submit Progress Reports
- Close Out Grant

New to eRA Commons?

Steps to navigating eRA Commons





Matchmaker

Enter abstracts or other scientific text to find potential Program Officials, ICs, and review panels for your research. ?

15,000 characters left

- Similar Projects
- Similar Program Officials

Reset

Search



Research.GOV

ONLINE GRANTS MANAGEMENT
FOR THE NSF COMMUNITY



Research.gov

ONLINE GRANTS MANAGEMENT
FOR THE NSF COMMUNITY



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NSF User Log In

There are 2 ways to log in to Research.gov. Use your **NSF ID** or your **organization credentials**.

NSF ID

Last Name:

NSF ID: Forgot my NSF ID

Password: Reset my password

[Log In](#) [Cancel](#)

Organization credentials

Select your organization from the drop-down menu below, to be taken to the InCommon Log In page for your organization.

Pick your organization:

[Log In](#)

If you don't see your organization listed -
[Learn more](#) / [Register for InCommon](#)

[Log In for NSF Staff](#) [Log In for NSF Visitors](#)



Welcome Anita Mills | [Sign Out \(Home\)](#) | [My Profile](#) | [Contact](#) | [Help](#) | [About](#)

Proposals	Reviews & Meetings	Awards & Reporting	Fellowships	Manage Financials
Administration				

- Recording for the [Updates to the NSF Proposal and Award Policies and Procedures Guide \(PAPPG\) \(NSF 24-1\)](#) webinar held on 3/12 is now available on-demand in the Policy Office Resource Center and on their YouTube page.
- SBR/STR Applicants: The SBR/STR Phase I (23-115) and II (23-116) solicitations closed at 5 PM on March 4. New SBR/STR Phase I and II opportunities will be announced as they become available. [Click here for details.](#)
- GRFP 2024 Fellow Candidates and Honorable Mentions Announced! [Click here](#) to learn more.

[Hide all notifications](#) (Viewing 3 of 3 notifications)

To access restricted features, add a role

Proposals

- [Prepare and Submit Proposals](#) (Letters of Intent, Preliminary, Full, Renewal, Postdoctoral Fellowships and SBR/STR)
- [Demo Site: Prepare Proposals \(Training\)](#)
- [Proposal Status](#)

Reviews & Meetings

- [Provide Reviewer Profile Information](#)
- [Panelist Functions](#) (Travel and Reimbursement, Meeting Sign-in, Panel Review System, Interactive Panel System)
- [Proposal Review](#) (Prepare Review, View/Save Proposal for Review, Interactive Panel System)
- [Proposal Evaluation System \(Pilot\)](#) (Reviews, Ratings, Panels)

Awards & Reporting

- [Project Reports](#)
- [Demo Site: Project Reports \(Training\)](#)
- [Notifications & Requests](#)
- [Award Documents](#)
- [Supplemental Funding Requests](#) (including Career-Life Balance)
- [Demo Site: Supplemental Funding Requests \(Training\)](#)
- [Continuing Grant Increments Reports](#)
- [NSF Public Access Repository \(NSF-PAR\): Add Research Products](#)
- [Manage Research Products](#)

Fellowships

- [Graduate Research Fellowship Program](#) (Applicants, Fellows)
- [Graduate Research Fellowship Program](#) (Officials)
- [Manage Reference Letters \(Writers\)](#)

Manage Financials

- [ACMS \(Award Cash Management Service\)](#)
- [Program Income Reporting](#)
- [Individual Banking](#) (Postdoctoral Fellows, Honorary Awardees, Invitational Travelers, and other payees)
- [Grant Post-Award Financial Contacts](#)

Administration

- [User Management](#)
- [Look Up NSF ID](#)



NSF Award Search



- [Find Funding & Apply](#) ▾
- [Manage Your Award](#) ▾
- [Focus Areas](#) ▾
- [News & Events](#) ▾
- [About](#) ▾

- [Simple Search](#)
- [Advanced Search](#)
- [Popular Searches](#)
- [Download Awards](#)
- [Send Comments](#)
- [Award Search Help](#)

Awards Simple Search

[Overview of Award Search Features](#)

Search award for:

↻

Use double quotes for exact search. For example "water vapor".

Active Awards Expired Awards

Top



ProposalCentral

Proposal Central Reporting

Due Date	Deliverable Type	Assigned	Type Description	Deliverable Description	Date Submitted/User	Add	View	Delete	Status	Feedback
10/01/2020 12:00 AM	Activation Report PF	Karen Smith(PI)	Activation Report PF						Delinquent	
10/01/2020 12:00 AM	PF Annual Report	Karen Smith(PI)	PF Annual Report						Delinquent	
12/01/2020 12:00 AM	IP Reporting	Karen Smith(PI)	Please complete the webform for IP reporting by the due date provided.						Delinquent	
01/31/2021 12:00 AM	Invention Report 2	Greta McShan(*Technology Transfer Officer)	The annual report will be due by January 31 of each calendar year after an ACS Grant Award has been received.						Due	



01/01/2016 12:00 AM	Progress Report	Raylan Givens(PI)	This template is to be used for the semi-annual progress reports.	first progress report	04/26/2018 (McKee, Jamie)				Submitted - Final	
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Analyze government spending by recipient

[Start Searching Awards](#)

[Learn About USAspending.gov](#)

USAspending is the official open data source of federal spending information, including information about federal awards such as contracts, grants, and loans.

|| Pause text animation

So far this year, the federal government plans to spend **\$4.53 Trillion** including...

\$31.13 Billion
on **Agriculture**

\$11.31 Billion
on **Energy**

\$761.53 Billion
on **Social Security**

See more breakdowns of federal spending 



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