

## Navigating NIH's 27 Institutes and Centers: How to Determine What Research to Submit and Where

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Dialogue with Institutional Leaders

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Building 31C, 6th Floor

## NIH FY2023 By The Numbers

~59,000 extramural grant awards totaling \$34.9 billion

Supported research at 2,743 organizations





## Inquiring Minds Want to Know...

- Where do I start?
- Where's the funding?
- Where do I turn when I need help or advice?
- What funding opportunities are available & how can I find them?



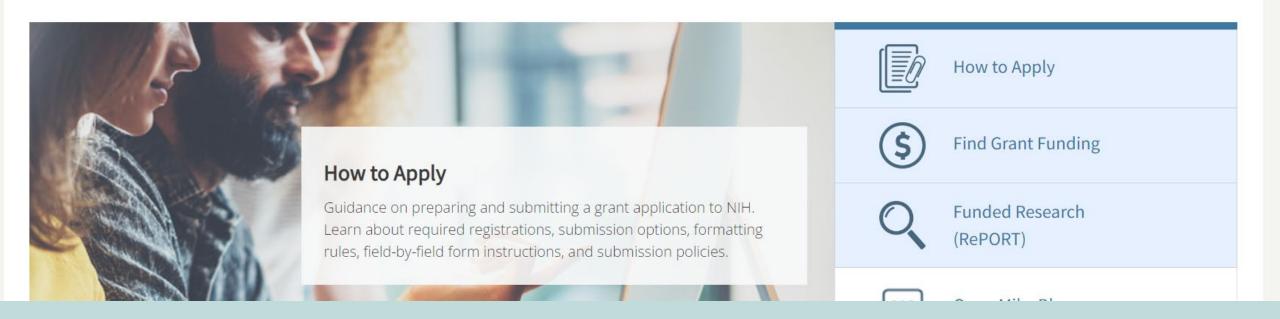
## Where do I start?

Search this Site

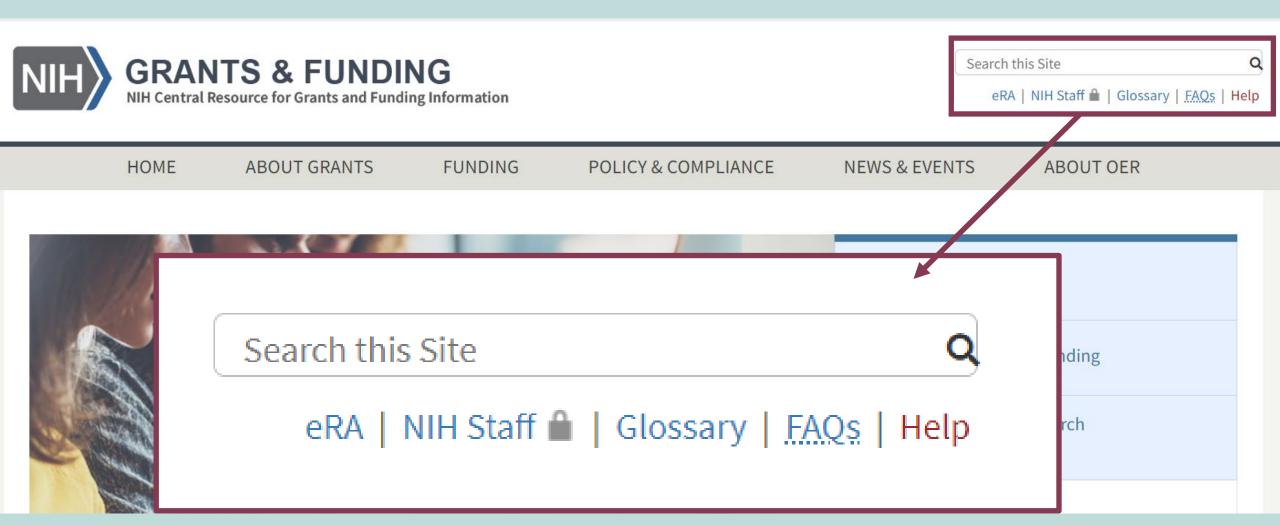
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https://grants.nih.gov



https://grants.nih.gov



# Where's the funding?

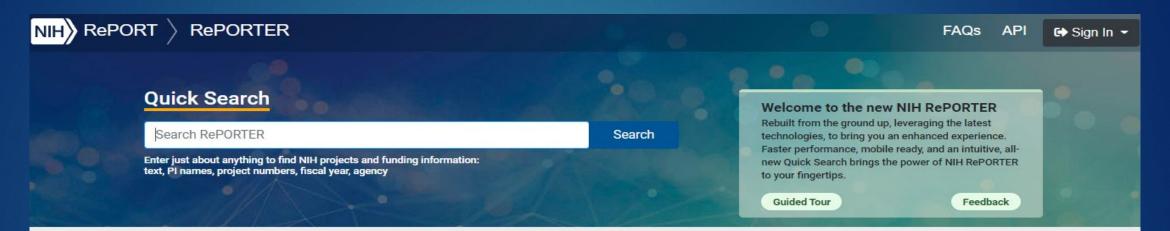
#### **National Institutes of Health**

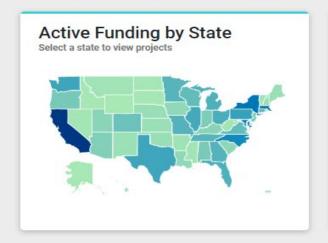
- 27 Institutes and Centers (ICs)
- Each IC has its own
  - >mission,
  - >priorities,
  - >budget, and
  - ➤ funding strategy.

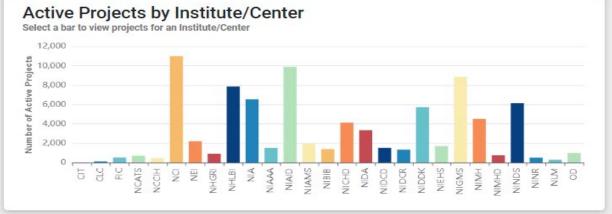


#### Reporter

https://reporter.nih.gov







# Advanced Projects Search Fiscal Year ? Principal Investigator (PI) ? Organization ? Active Projects Current FY is 2021 PI Names or Profile IDs, semicolon "," Enter at least 3 characters to search

Matchmaker

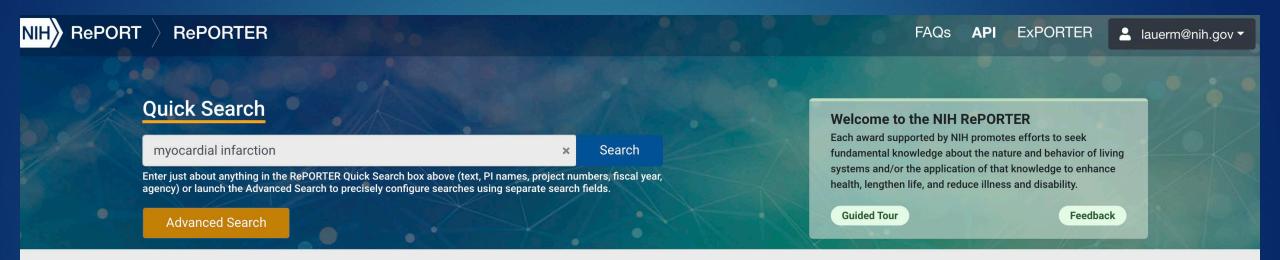
Find potential Program

Officials, ICs, and review panels for your research.

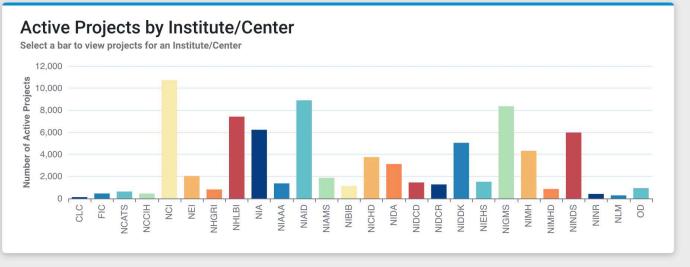
Get Started >

#### Look Up

https://reporter.nih.gov

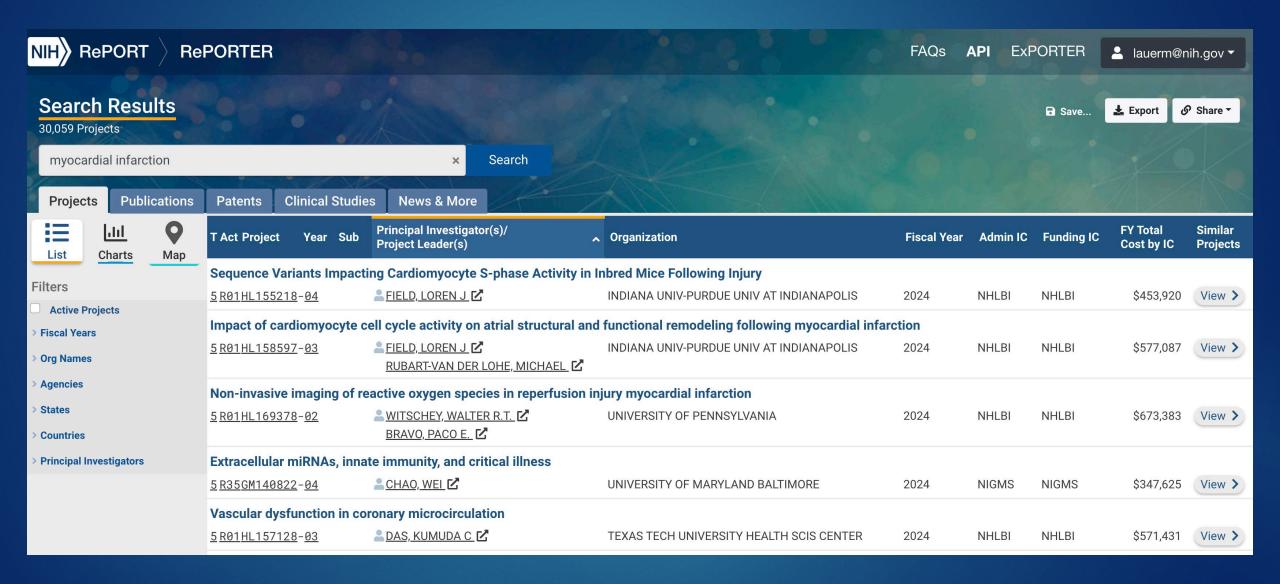






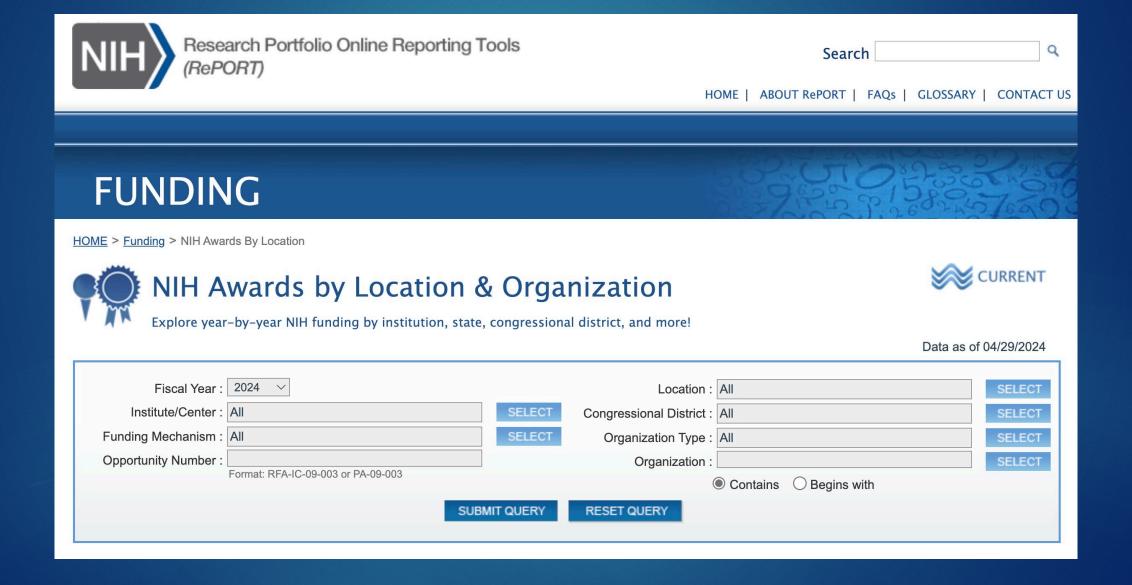
#### Results

https://reporter.nih.gov



#### Awards by Location

https://report.nih.gov/award/index.cfm





# Where do I turn when I need help or advice?

#### The NIH Extramural Team

Program
Official (PO)

Scientific Review Officer (SRO)

Grants
Management
Officer (GMO)



#### **Program Official (PO)**

- Scientific portfolio of awards within the mission of an institute
- Initiative development
- Provides programmatic, scientific, and/or technical guidance preapplication, submission, and post-review
- Recommends applications to be considered for award to the IC director
- Post-award oversight by monitoring research progress





#### Matchmaker

Enter abstracts or other scientific text and Matchmaker will return lists of similar projects from RePORTER or program officials associated with those projects. These matches are based on the terms and concepts used in the submitted text. Matchmaker summarizes the projects by the program official, institute or center, review panel, and activity code.

Find a Match









Categorical Spending



NIH Data Book

#### Matchmaker

https://reporter.nih.gov/matchmaker

NIH RePORT REPORTER

**FAQs** 

#### **Quick Search**

Search RePORTER

Enter just about anything to find NIH projects and funding information: text, PI names, project numbers, fiscal year, agency

Search

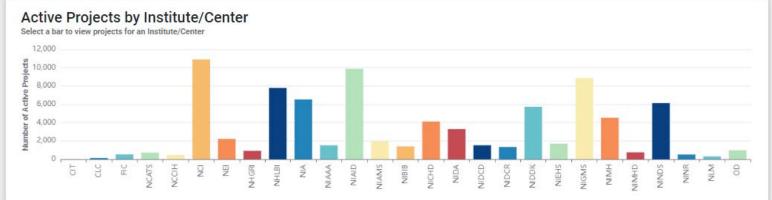
#### Welcome to the new NIH RePORTER

Rebuilt from the ground up, leveraging the latest technologies, to bring you an enhanced experience. Faster performance, mobile ready, and an intuitive, all-new Quick Search brings the power of NIH RePORTER to your fingertips.

**Guided Tour** 

Feedback





#### Matchmaker Enter abstracts or other scientific text to find potential Program Officials, ICs, and review panels for your research. ? Similar Projects O Similar Program Officials 15,000 characters left Reset Search

#### **Advanced Projects Search**

Search using specific criteria to find NIH projects and funding information.

Get Started >

#### **Publications Search**

Find publications associated with extramural or intramural funded projects using PubMed IDs (PMID)

#### RePORTER - Matchmaker

https://reporter.nih.gov/matchmaker

#### Matchmaker

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

traditional methods breakdown. Although this project will focus on risk assessment among patients undergoing cardiac surgery, it is important to recognize that we are primarily interested in the value of LAD as a means of analyzing very large and complex data sets within a medical sphere. Hence, the applicability of this work goes beyond determination of risk of patients undergoing cardiac surgery.

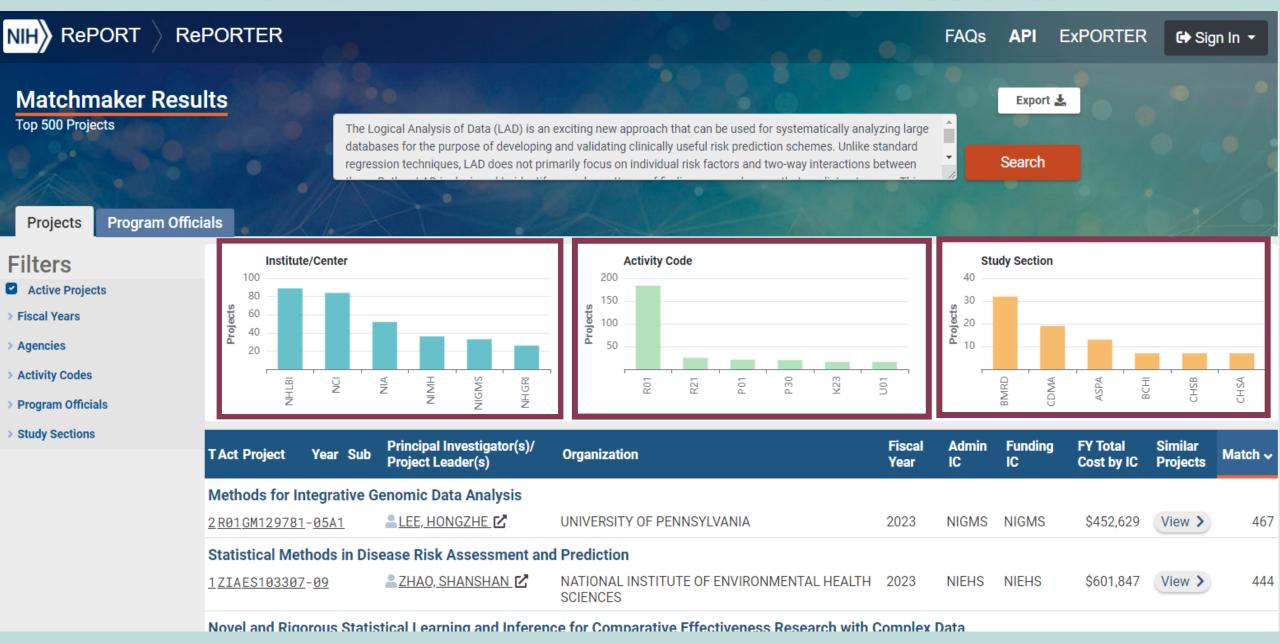
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- Similar Projects
- Similar Program Officials

Reset

Search

#### **RePORTER – Matchmaker Results**



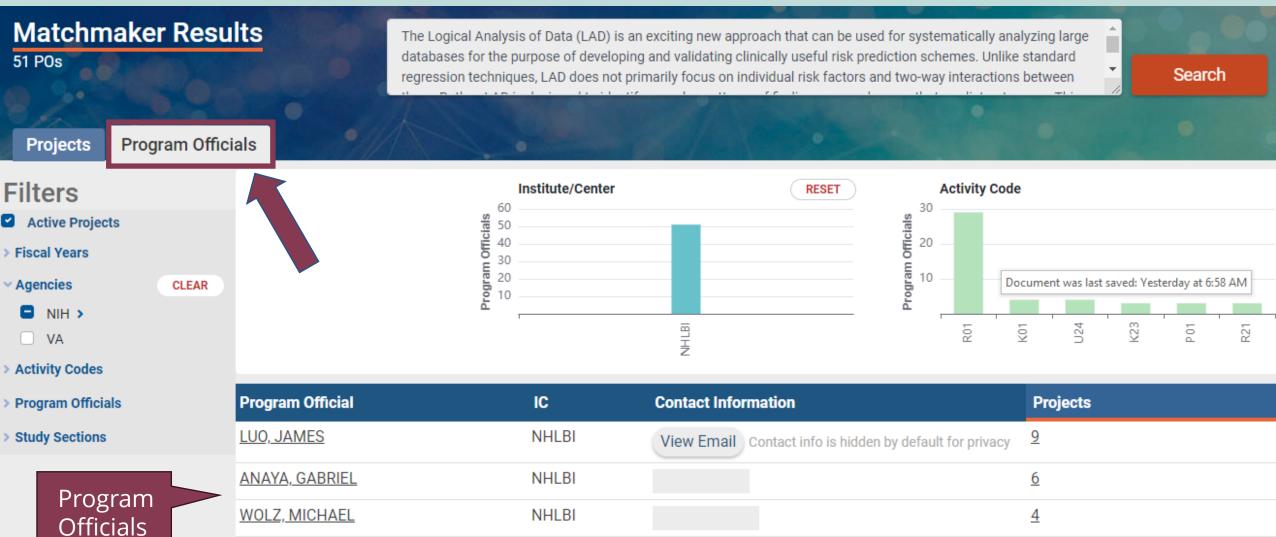
#### **Matchmaker Details**



#### **Matchmaker Filtered Results**



## **Matchmaker - Program Officials**



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NHLBI

NHLBI

KILLIE BY

COADY, SEAN

EINHORN, PAULA T

IZAL ANITABI BOYA

#### Scientific Review Officer (SRO)

- Responsible for scientific and technical review
  - Ensures fair and unbiased evaluation of scientific and technical merit
  - Provides a summary of the evaluation
  - Reviews applications for completeness and conformance with application requirements
- Point of contact for applicants during the review process



# Grants Management Officer or Specialist (GMO/GMS)

- Responsible for the completion of business management requirements
  - Evaluates reviewed applications for administrative content and compliance with policy
  - Negotiates and prepares grant Awards
  - Post-award oversight by monitoring grant activity
  - Interprets grants administration policies





# What funding opportunities are available & how can I find them?

# Notices of Funding Opportunities (NOFOs)

- Used to advertise grant opportunities
- Contain information needed for successful application submission



#### **NOFOs Include**

- Opportunity description
- Participating ICs
- Key dates
- Award information
- Eligibility

- Submission requirements
- Review criteria
- Award administration
- Agency points-of-contact



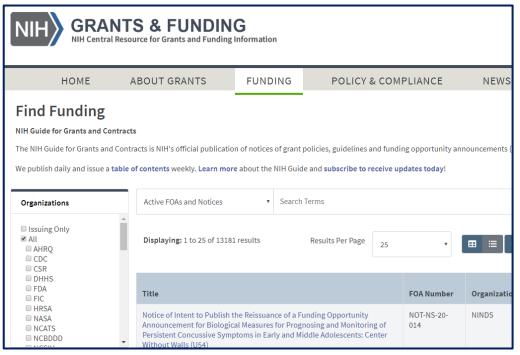
## Find Opportunity of Interest

#### **NIH Guide for Grants & Contracts**

https://grants.nih.gov/funding/searchguide

#### **Grants.gov**

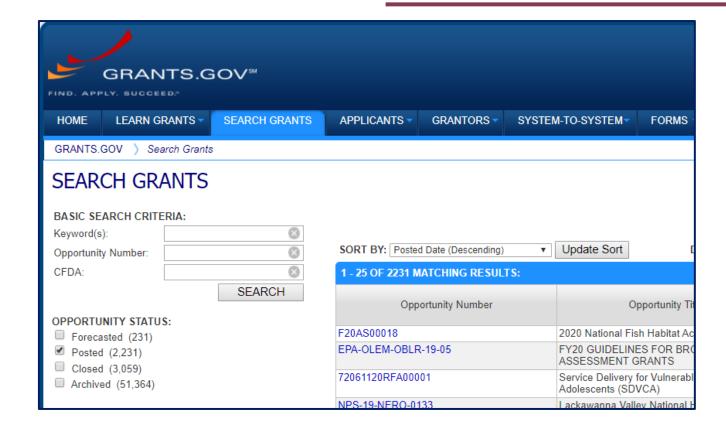
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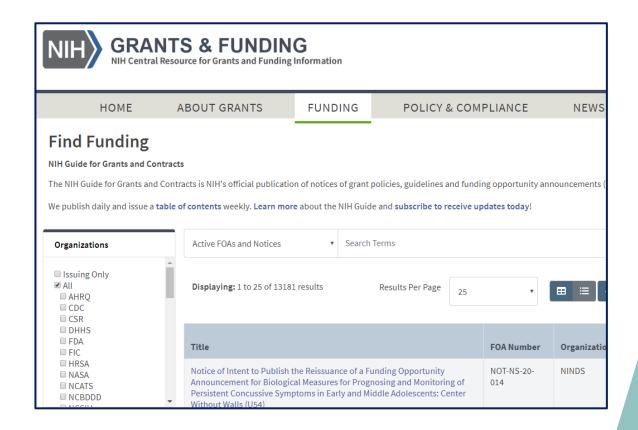
## Grants.gov



NOFOs for all federal grant-making agencies

#### **NIH Guide**

- NOFOs
- Notices
  - Notices of special interest
  - Policy updates
  - Changes to NOFOs
  - Webinars and training events





## **NIH Funding Opportunities**

- NOFO Types
  - Requests for Applications (RFAs)
  - Parent Announcements
  - Program Announcements (PAs)
- Notices of Special Interest (NOSIs)



### Requests for Applications (RFAs)

- Narrowly defined scope
- Set-aside funds
- Often a single receipt date



#### **Parent Announcements**

- Many NIH institutes and centers participate
- No science specified
- For "investigator initiated" or "unsolicited" research
- Use standard due dates



### Program Announcement (PA)

- Highlights areas of focus
- Usually ongoing (3 years)
- Use standard receipt dates
- Special types
  - PAR PA with special receipt, referral or review considerations
  - PAS PA with set-aside funds

### Notices of Special Interest (NOSIs)

- Increasingly used instead of program announcements
- Highlight areas of scientific interest
- Designate existing NOFOs to use for application submission



## **Types of Grant Programs**

#### Research

R series

(R01, R03, R15 ...)

## Program Project/Center

P series

(P01, P20 ...)

#### Resource

Various series

## Institutional Training

T series

(T32 ...)

#### Individual Fellowship

F series

(F30 ...)

## Career Development

K series

(K01...)

#### https://grants.nih.gov/grants/funding/funding\_program.htm

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#### **FUNDING**

Find Funding: NIH Guide to Grants and Contracts

Contracts

Research Training and Career Development

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Loan Repayment Programs

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Extramural Diversity @

NIH Funding Strategies

#### **Types of Grant Programs**

NIH uses activity codes (e.g. R01, R43, etc.) to differentiate the wide variety of research-related programs we support.

NIH Institutes and Centers (ICs) & may vary in the way they use activity codes; not all ICs accept applications for all types of grant programs or they apply specialized eligibility criteria. Look closely at Funding Opportunity Announcements (FOAs) to determine which ICs participate and the specifics of eligibility.

A comprehensive list of extramural grant and cooperative agreement activity codes is available, or you can search for specific codes below:

Search Activity Codes:

Search All Text:

Select from List:

Go (e.g. R01, P01, T, K, F, etc.) Reset
Go (e.g. Mentored, Training, etc
∨ Go

The following groupings represent the main types of grant funding we provide:

- Research Grants (R series)
- Career Development Awards (K series)
- · Research Training and Fellowships (T & F series)
- Program Project/Center Grants (P series)
- · Resource Grants (various series)
- Trans-NIH Programs
- Inactive Programs (Archive)

RELATED RESOURCES



Select your educational or career level to find a funding opportunity to support your training or career development goals.





## Stay Connected

### Stay Connected - News & Events



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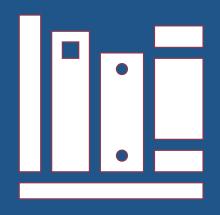
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NEWS & EVENTS	News Highlights		NIH Grants Conference and PreCon Events  NIH Regional Seminars on Program Funding and Grants Administration	All About Grants F	out Grants Podcasts	
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Events	Subscribe and Follow  Listservs  Social Media	OER Wel	OER Webinars			
On Demand Resources						
			ı Repayment Program (LRP) & Engage &			
			NIH Office of Laboratory Animal Welfare Workshops & Conferences			
			ents (for the innovator			

https://grants.nih.gov/news/news\_and\_events.htm

## Stay Connected & Grow Your Knowledge

- NIH Grants YouTube Channel: https://www.youtube.com/user/nihgrants
- All About Grants Podcasts: https://grants.nih.gov/news/virtual-learning/podcasts.htm
- NIH Extramural Nexus (newsletter): http://nexus.od.nih.gov/all/
- Webinars & Events: https://grants.nih.gov/news/virtual-learning/upcoming\_webinars.htm
- NIH Websites:
  - NIH: https://nih.gov
  - Office of Extramural Research: https://grants.nih.gov/
  - o Center for Scientific Review: <a href="https://public.csr.nih.gov/">https://public.csr.nih.gov/</a>





## Consolidated Resource List

# Resources: **General**

- NIH Grants and Funding
   https://grants.nih.gov/grants/oer.htm
- NIH Grants Policy Statement
   https://grants.nih.gov/policy/nihgps/ind
   ex.htm

# Resources: IC & Staff

- NIH Institutes, Centers, and Offices
   https://www.nih.gov/institutes-nih/list-nih-institutes-centers-offices
- Understand Staff Roles
   https://grants.nih.gov/help/ic-staff-roles
- Grants & Funding Need Help?
   <a href="https://grants.nih.gov/help">https://grants.nih.gov/help</a>

# Resources: Funding Opportunities & Programs

#### Understand Notices of Funding Opportunities

https://grants.nih.gov/grants/how-to-applyapplication-guide/prepare-to-apply-andregister/understand-funding-opportunities.htm

- NIH Guide for Grants & Contracts
   https://grants.nih.gov/searchGuide/
- Grants.gov Search Grants
   https://www.grants.gov/web/grants/search-grants.html
- Types of Grant Programs

  <a href="https://grants.nih.gov/Grants/funding/funding\_p">https://grants.nih.gov/Grants/funding/funding\_p</a>
  <a href="mailto:rogram.htm">rogram.htm</a>

## Resources: Application Preparation

## How to Apply – Application Guide https://grants.nih.gov/grants/how-to-apply-application-guide.htm

#### Submission Options

https://grants.nih.gov/grants/how-to-apply-application-guide/prepare-to-apply-and-register/submission-options.htm

#### Write Your Application

https://grants.nih.gov/grants/how-to-applyapplication-guide/format-and-write/write-yourapplication.htm

#### Standard Due Dates

https://grants.nih.gov/grants/how-to-applyapplication-guide/due-dates-and-submissionpolicies/due-dates.htm

# Resources: Application Process

- Grants Process Overview
   https://grants.nih.gov/grants/grants\_process.htm
- How to Submit Track and View Your Application
   https://grants.nih.gov/grants/how-to-apply-application-guide/submission-process/submit-track-view.htm
- Submission & Assignment
   https://public.csr.nih.gov/ForApplicants/SubmissionAndAs
   signment
- Initial Review
   https://public.csr.nih.gov/ForApplicants/InitialReviewResultsAndAppeals
- Pre-Award and Award
   https://grants.nih.gov/grants/pre-award-process.htm
- Post-Award Monitoring and Reporting https://grants.nih.gov/grants/post-award-monitoring-andreporting.htm

# Resources: **Tools**

RePORTER

https://reporter.nih.gov/

Matchmaker

https://reporter.nih.gov/matchmaker

## **Thank You**

