## NIH Funding for European Researchers



#### **MEGAN COLUMBUS**

OFFICE OF EXTRAMURAL RESEARCH (OER)
US NATIONAL INSTITUTES OF HEALTH

## Learning Objectives

2

#### To help you:

- 1. Find funding opportunities with NIH
- 2. Understand the NIH grants process
- Know who to contact at NIH
- 4. Become familiar with key NIH resources





U.S. Department of Health & Human Services



## Understanding NIH is Key to **Navigating NIH Funding**



### Mission

4

To seek fundamental knowledge about the nature and behavior of living systems and

the application of that knowledge to enhance health, lengthen life, and reduce illness and disability

## 27 Institutes and Centers (ICs) 24 of which fund grants

#### Each with a different:

- o mission & priorities
- o budget
- funding strategy





#### A Look at the Numbers



## NIH FY 2018

- Supported research at more than 2,700 organizations
- Received 54,834 competing research project grant applications
- Made 11,071 awards

## When Does NIH Supports International Research?

Unique opportunity due to special talents, resources, populations, etc. unavailable in the U.S.

Relevance to NIH mission and objectives; potential for significantly advancing health sciences in the U.S.

### Foreign Eligibility



- Foreign institutions are eligible for many NIH research project grants.
- Foreign institutions are not eligible for most small business, fellowship, career development, training grant, center grants, and construction grants. (There are rare exceptions.)
  - U.S citizenship is required for PIs on small business, fellowship and training grants.

### **How NIH Invests Globally**



Fiscal Year	Direct Foreign Awards	Domestic Awards with Foreign Component
2018	544	6,958
2017	498	6,345
2016	549	6,303

## Traditional Subcontract/Consortium Arrangement

- U.S. institution is responsible
- Requires a formalized written agreement
- Substantial scientific involvement
- Ensure you understand the rules and regulations
- U.S. awardees will flow down to foreign subrecipients applicable parts of the Uniform Guidance and monitor foreign entity progress

Find potential partnerships using:



## Funding Opportunity Announcements (FOAs)

Used to advertise grant opportunities

#### Contain information for successful application

- Due dates,
- Individual and organizational eligibility
- Submission requirements
- Scientific area(s)
- Review criteria
- Award administration
- Agency points-of-contact



#### NIH Advertises FOAs in Two Places





#### **NIH Guide to Grants and Contracts**

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

- FOAs (NIH, AHRQ, some CDC and FDA)
- Notices of special interest
- Policy notices
- Notices of changes to FOAs



#### **Grants.gov**

https://www.grants.gov

- FOAs for all US Federal agencies
- No agency specific notices

Search both: NIH Guide – full text & notices. Grants.gov – synopsis & all agencies.

## Types of Funding Opportunity Announcements

Type of FOA	Description	
Program Announcements (PA, PAR, PAS)	<ul> <li>Description</li> <li>Highlights areas of focus</li> <li>Usually ongoing (3 yrs)</li> <li>Often use standard receipt dates</li> </ul>	
Requests for Applications (RFA)	<ul> <li>Narrowly defined scope</li> <li>Usually single receipt date</li> <li>Set aside funds</li> <li>IC usually convenes review panel</li> </ul>	
Parent Announcements	Type of program announcement No science specified Many NIH institutes and centers participate By activity code (Ro1, Ro3, etc) For "investigator initiated" or "unsolicited" research	

## Tips for Choosing the Right FOA



#### Check participating NIH Institutes – should align with your research

 Also check related notices - notices of special interest may identify institutes participating that are not listed in the FOA

#### Determine if NIH considers your study to be a clinical trial

- Our decision tool can help <a href="https://grants.nih.gov/ct-decision/">https://grants.nih.gov/ct-decision/</a>
- Pick an FOA accordingly

#### **Review FOA for Eligibility**

- Foreign Institutions may or may not be eligible
- Foreign components may not be allowed
- Foreign components may or may not be required
- Foreign applicants required to submit detailed budgets



### FOA Section 3: Eligibility



#### Eligibility differs by FOA. For example:

### Section III. Eligibility Information

#### 1. Eligible Applicants

#### Eligible Organizations

Higher Education Institutions

Nonprofits Other Than Institutions of Higher Education

For-Profit Organizations

Governments

#### Foreign Institutions

Non-domestic (non-U.S.) Entities (Foreign Institutions) are eligible to apply.

Non-domestic (non-U.S.) components of U.S. Organizations are eligible to apply.

Foreign components, as defined in the NIH Grants Policy Statement, are allowed.

#### **FOA Section 7: Contacts**

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Talk with NIH scientific/program staff about your idea and where it fits

#### Section VII. Agency Contacts

We encourage inquiries concerning this funding opportunity and welcome the opportunity to answer questions from potential applicants.

#### Scientific/Research Contact(s)

Participating NIH Institutes and Centers are listed in "Components of Participating Organizations" in Part 1. Overview. Scientific/Research Contact information is listed on the R01 IC-Specific Scientific Interests and Contact website.

#### Peer Review Contact(s)

Examine your eRA Commons account for review assignment and contact information (information appears two weeks after the submission due date).

#### Financial/Grants Management Contact(s)

Participating NIH Institutes and Centers are listed in "Components of Participating Organizations" in Part 1. Overview. Financial/Grants Management Contact information is listed on the R01 IC-Specific Scientific Interests and Contact website.



**Preparing to Apply** 

### Register



Complete/renew required registrations to interact in electronic systems

Start now - can take 6 – 8 weeks to complete

- Institutions required to register in multiple systems
- Investigators must be registered in the eRA Commons

Learn more: NIH How to Apply web page

### **Develop Your Application**



 Access application forms from funding opportunity announcement

- <u>Carefully read</u> the funding opportunity <u>and</u> application instructions
  - <u>Carefully read</u> the funding opportunity <u>and</u> application instructions
    - <u>Carefully read</u> the funding opportunity <u>and</u> application instructions
      - <u>Carefully read</u> the funding opportunity <u>and</u> application instructions
        - <u>Carefully read</u> the funding opportunity <u>and</u> application instructions

grants.nih.gov/grants/how-to-apply-application-guide

### Follow all Instructions Carefully



#### Precedence



<u>How to Apply -</u> <u>Application Guide</u>



#### **FOA-specific Guidance**

#### Funding Opportunity Announcement

 Section IV. Application and Submission Information



#### FOA-specific & New Policy Updates

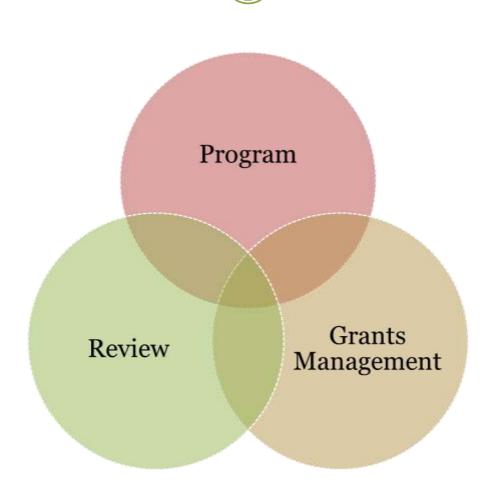
Notices in NIH Guide for Grants & Contracts

Removal of the Requirement for Institutional Review Board Review of NIH Grant Application	and:	
Contract Recognists Related to Research  Nitt Implementation of the Final Rule on the Federal Policy for the Protection of Human Subjects	1	
(Common Rule)		
Notice Names NOT-CO-19-098		
Key Dames Record took: July 10 1 2000		
Related Announcements		
Maked by		
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## Understand Roles and Responsibilities at Your Institution

- What is your role?
- What roles do other people play?
  - Authorized Organizational Representative
  - Principal Investigator
  - Administrator
- Coordination and respect for each other's roles is key
- Understand your institutional processes and timelines for grant related activities

## Understand the NIH Extramural Team



## **Program Official**



- Responsible for the programmatic, scientific, and/or technical aspects of a grant
- Provides scientific guidance to investigators pre- and post-award
- Develops grant initiatives
- Provides post-award oversight
- Point of contact before you apply and after review



### Scientific Review Officer



- 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**



Responsible for completion of business management requirements

- Evaluates applications for administrative content and compliance with policy
- Negotiates Awards
- Interprets grants administration policies

Point of contact for policy and budget issues pre and post award.

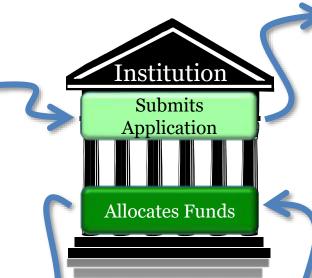
## How does a grant get funded?

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Great Research Idea!



Investigator
Performs the
Research



Application to award takes ~9-10 months

National Institutes of Health

**Center for Scientific Review** 

Assigns to IC & IRG / Study Section

**Study Section** 

**Reviews for Scientific Merit** 

Institute

**Evaluates for Relevance** 

**Advisory Councils & Board** 

**Recommends Action** 

**Institute Director** 

**Makes Funding Decision** 

### **Main Review Criteria**



#### Overall Impact –Scored 1-9

 Assessment of the likelihood for the project to exert a sustained, powerful influence on the research field(s) involved

#### **Core Review Criteria-Scored 1-9**

- Significance
- O Investigator(s)
- O Innovation
- Approach
- Environment

## Other Issues Reviewers Consider Before Final Scoring

- Protections of human subjects
- Inclusions of women, children and minorities
- Appropriate use of vertebrate animals
- Management of hazardous conditions

## Other Issues Reviewers Consider Before Final Scoring

#### For applications from foreign institutions:

- Whether the project presents special opportunities for furthering research programs through the use of unusual talent, resources, populations, or environmental conditions in other countries that are not readily available in the United States or that augment existing U.S. resources
- Whether the proposed project has specific relevance to the mission and objectives of the IC and has the potential for significantly advancing the health sciences in the United States

#### **After the Review**



- eRA Commons <a href="http://era.nih.gov/commons">http://era.nih.gov/commons</a>
  - Final Impact Score is available in 3 days
  - Summary statement is available in 4 − 8 weeks
- Available to:
  - O PD/PIs
  - NIH officials
  - Advisory Council members
- NIH Program Officer = Point of Contact



# You've Got Funding!

Once you are funded....

## You'll Receive a Notice of Award (NoA)

- Legally binding document
  - Award data and fiscal information
  - Grant payment info
  - Terms and conditions of award
- Grantee accepts terms and conditions of award as soon as funds are drawn down

## **NIH Grants Policy Statement**

- Is a term and condition of all grant awards
- Explicitly defines roles, responsibilities
- Updated each fall



## **Post Award Management**



- Annual progress reporting
- Annual federal financial reporting
- Invention reporting
- Yearly audits (as applicable)
- Closeout reporting

## Interacting with NIH Electronically





#### Commons

A program of the National Institutes of Health

#### In eRA Commons you can find:

Application image

**Application status** 

Assignments (institute, review group)

NIH staff contacts (SRO, program, grants management)

Scores (Pl only)

Summary statement (PI only)

**Notice of Award** 

Links to tools for reporting, no cost extensions, etc.



Work with your institution's office of sponsored research to be sure you are registered and your account is affiliated with your institution BEFORE you apply.

2 weeks lead time – PI registration in Commons

6-8 weeks – All institutional registrations and renewals



**Key Resources** 



#### **Grants & Funding**

NIH's Central Resource for Grants and Funding Information

Entire Site

Search this Site

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New Policies and

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Reforms for Clinical Trials

**GRANTS.nih.gov** – your home base for info on NIH grant opportunities, policies, processes







Explore NIH Funded Research (RePORT)



#### **About Grants**

Navigate the NIH grants process from finding a funding opportunity to monitoring your award.

- Grants Process Overview
- Get Started
- How to Apply
   Application Referral and Review
- Pre-Award and Post-Award Processes
- Forms Library



#### Policy and Compliance

Learn about the policy and compliance obligations of your grant award and find helpful resources on select policy topics.

- · NIH Grants Policy Statement
- · Notices of Policy Changes
- Compliance and Oversight
- Select Policy Topics



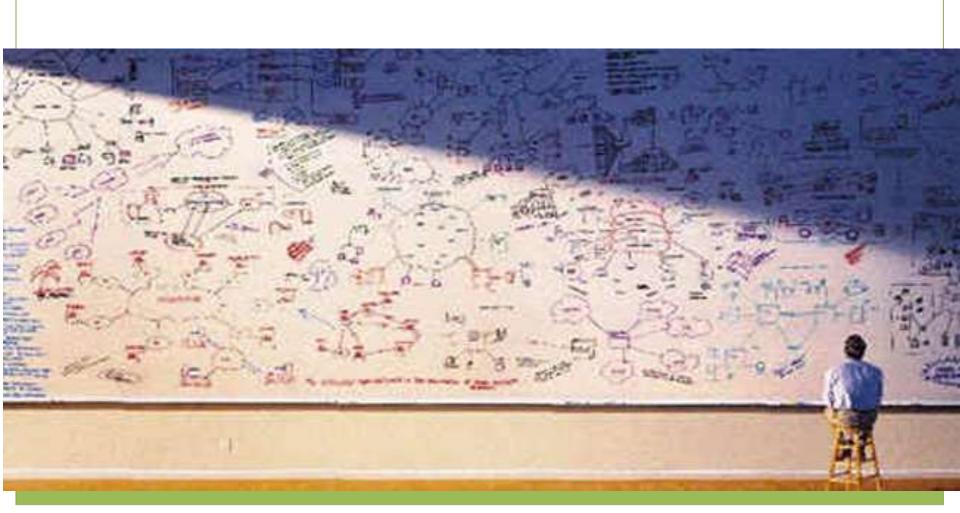
#### Information for...

Find key resources just for you.

- Researchers
- Research Administrators
- Reviewers
- Small Businesses
- Foreign Applicants
- Media and the Public
- NIH Staff A

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## Trying to make heads or tails of the grants process?





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#### **Grants.nih.gov**



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#### **Grants process overview - top**



#### **Get Started**

#### Learn the Basics

Learn how NIH approaches grant funding and how your research fits into our research portfolio. Make sure to explore the different types of grant programs offered at NIH, along with the eligibility requirements.

#### Plan Your Approach

Find and understand funding opportunities, ensure your research is original, understand your organization's internal procedures, and prepare to write a competitive application.

#### D ( ) ( )

#### **Apply for Grant Funding**

#### Prepare to Apply

Ensure all registrations are in place, get familiar with requirements, and choose which of the available submission options you will use.

#### **Write Application**

Obtain and complete application forms following provided instructions. Find information on developing your budget and formatting attachments.

#### Submit

Submit your application to NIH. Track and view your application to verify receipt and to confirm that the assembled document correctly reflects your submission.

[>6-8 Weeks Before Submission]

[Submit early!]

#### **Grants process overview bottom**



#### **Application Referral & Review**

#### Receipt & Referral

Applications compliant with NIH policies are assigned to an NIH Institute or Center and to a scientific review group for evaluation of scientific and technical merit.

[Month 1 After Submission]

#### Peer Review

Applications undergo a rigorous two-stage review. The first level is carried out primarily by non-federal scien - tists, while the second is performed by Advisory Councils or Boards.

[Months 2-8 After Submission]



#### Pre-Award & Award Process

#### Pre-Award & Award Process

Applicants who have scored well submit "just-in-time" information. Final administrative reviews are conducted and Notice of Award documents are sent to successful applicants.

#### Post-Award Monitoring & Reporting

NIH monitors grants carefully. Active monitoring includes reports and correspondence from the grantee, audit reports, site visits, and other information.

[Months 7-10 After Submission]

[Duration of Award]

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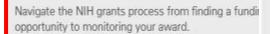
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Navigate the NIH grants profunding opportunity to mor

- Grants Process Orvi
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- Pre-Award and Post-Award Processes
- Forms Library

Under Get Started find the basics:

- understanding NIH
- eligibility
- types of grant programs
- types of applications





Learn More











#### 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.

#### Find Opportunities by Career Stage

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

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

Search Activity Codes: (e.g. R01, P01, T, K, F, etc.) Reset Search All Text: (e.g. Mentored, Training, etc.) Select from List:

The following groupings represent the main t provide:

- Research Grants (R series)
- · Career Development Awards (K series)
- Research Training and Fellowships (T & F series)
- Program Project/Center Grants (P series)

What is an R03, F31, X02, etc?

Find programs for your career stage!



Undergraduate Education

Predoctoral Training/ **Clinical Doctorate** 

Postdoctoral Training/ Clinical Residency

**Early Career Research** Development

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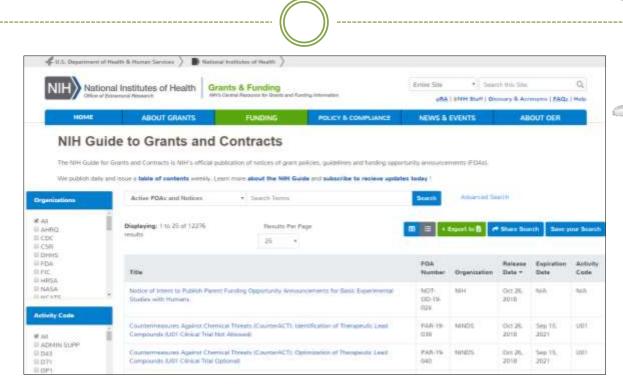
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Resear grants.nih.gov/grants/funding/funding\_program.htm

# Looking for the latest grants policy changes or funding announcements?



# Looking for the latest grants policy changes or funding announcements?



NIH Guide to Grants and Contracts

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



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**New Application and Grants Policies** 



Learn about grant, contract and loan repayment opportunities through the Funding tab



**Policy and Compliance** 

S Find Funding
How to ply

Or use Find
Funding for quick
access to grant
opportunities
(NIH Guide)



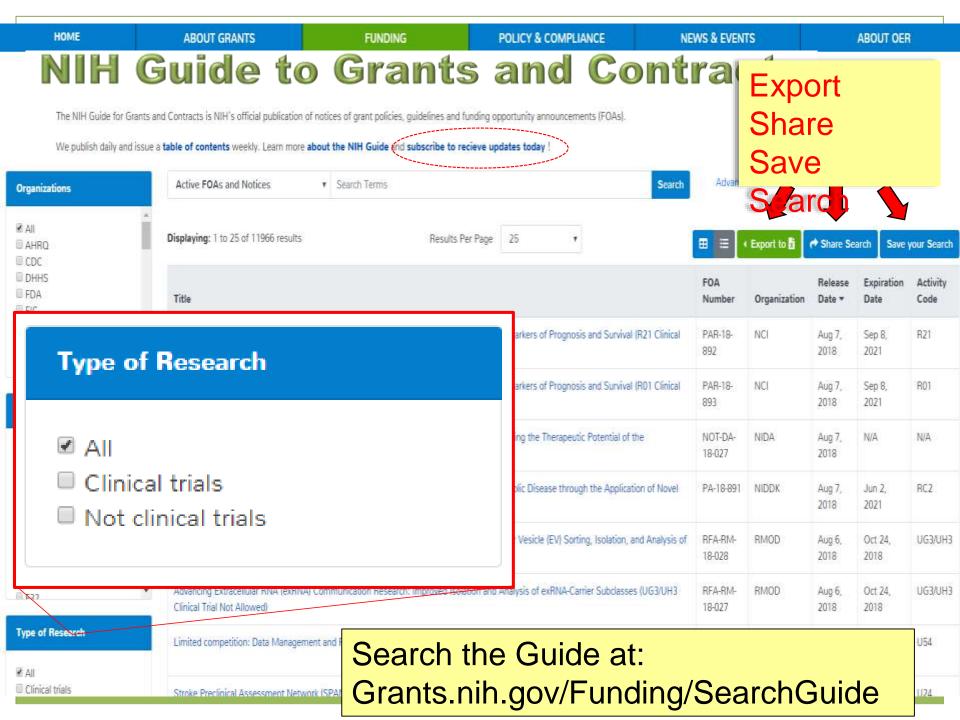
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Find key resources just for you.

Researchers





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'As) & Notices » NIH Guide LISTSERV: Subscribe to Weekly TOC E-Mail with New NIH Guide Postings and Funding Opportunities

#### **NIH Guide LISTSERV:**

#### Subscribe to Weekly TOC E-Mail with New NIH Guide Postings

The NIH Guide for Grants and Contracts is the official publication for NIH medical and behavioral research Grant Funding Opportunities.

NIH Guide announcements (PAs, RFAs and Notices) are published daily. At the end of each work week (usually on France an e-mail to NIH Guide LISTSERV subscribers with the **Current Weekly Table of Contents (TOC)**, including links to a during the week. An up-to-date listing of new announcements published during the week may be checked anytime

To Subscribe to the NIH Guide LISTSERV, send an e-mail to listserv@list.nih.gov with the following text in the message body (not the "Subject" line):

#### subscribe NIHTOC-L your name

(Example: subscribe NIHTOC-L Bill Jones)





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#### **Latest News**

#### grants.nih.gov

- · Forms-D Application Guide Now Available
- Updated Biosketch Instructions for Applications Due May 25 and Beyond







How to Apply



Explore NIH Fun

Research (RePORT)



#### **About Grants**

Navigate the NIH grants process from finding a funding opportunity to monitoring your award.



Learn about the policy and compliance obligations of your grant award and find helpful resources on select policy



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Find key resources just for you.

Researchers



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FU

Home » About Grants » How to Apply - Application Guide

#### How to Apply - Application Guide

Use the application instructions found on this page along with the guidance i Prevention, the Food and Drug Administration, and the Agency for Healthcar

Find application instructions and submission policies on How to Apply page

Entire Site

#### \* Forms are posted with each FOA.\*

#### Prepare to Apply

HOME

- · Systems and Roles
- Register
- . Understand Funding Opportunities
- · Types of Applications
- · Submission Options
- · Obtain Software

#### Write Application

- · Write Your Application
- Develop Your Budget
- Format Attachments
- Page Limits
- Data Tables
- Reference Letters
- Biosketches

#### Silidadia

- . Submit, Track, and View
- . How We Check for Completeness
- · Changed/Corrected Applications



Search this Site

**Related Resources** 

#### Application Form Instructions [SF424 (R&R) -Version D]

Need help selecting the right instructions?

#### Application Instructions Description



#### First timer? Watch the video!

- Submission Policies
- · Dealing with System Issues

#### After Submission

- · Receipt and Referral
- · Peer Review
- Pre-award Process
- Post-award Monitoring and Repo

### When are applications due? And when will they be reviewed and funded?







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Home » About Grants » How to Apply - Application Guide

#### How to Apply - Application Guide

Use the application instructions found on this page along with the guidance in the funding opportunity announcement to submit grant applications to NIH, the Centers for Disease Control and Prevention, the Food and Drug Administration, and the Agency for Healthcare Research and Quality.

#### Prepare to Apply

- · Systems and Roles
- Register
- Understand Funding Or
- Types of Applications
- Submission Options
- Obtain Software

#### Application Form I

Need help selecting the right

#### Application Instruction

General Instruction

Filtered Application Inst

Research Instructions

Career Development Instructions

Guidance for research only

Guidance for career development only

PDF

PDF

Important:

Access forms through the funding opportunity announcement.

#### **Related Resources**

#### **Due Dates and Policies**

- Due Dates
- Submission Policies
- Dealing with System Issues

#### **HOW TO APPLY** Video Tutorials **COMING SOON**

#### ated Resources

#### Due Dates and Policies

- Due Dates
- Submission Policies
- Dealing with System Issues

#### After Submission

- · Receipt and Referral
- · Peer Review
- Pre-award Process
- Post-award Monitoring and Reporting

Application Due D	ates	3 standard receipt dates a year.	t			
Activity Codes	Program Descri	•	Application Form	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
P Series	Program Project	Grants and Center Grants	PHS 398	January 25	May 25	September 25
All - new, renewal, resubmission, revision		d receipt dates type of grant				
	Transition to 3142	4 (Nan). On Hold				
R18/U18 R25 All - new, renewal, resubmission, revision	Research Demon Education Project		<u>SF424 (R&amp;R)</u>	January 25	May 25	September 25
T Series  D Series All - new, renewal, resubmission, revision	Institutional National National National National National National National National Note: Applicants Institute or Center series applications cycles. Applicants Contacts for information on tact for the NR	Scroll further on for timelines for the condition for each 10.5 scientific page 10.5 scientif	page each	January 25	May 25	September 25

Review dates and earliest start date by submission round

#### **Review and Award Cycles**

	Cycle I	Cycle II	Cycle III
Application Due Dates	January 25 - May 7	May 25 - September 7	September 25 - January 7
Scientific Merit Review	June - July	October - November	February - March
Advisory Council Round	August or October *	January	May
Earliest Project Start Date	September or December *	April	July

http://grants.nih.gov/grants/how-to-apply-application-guide/duedates-and-submission-policies/standard-due-dates.htm

## Is there ever a reason NIH accepts a late application?

What happens if a standard due date falls on a weekend or holiday?



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- · Systems and Roles
- Register
- Understand Funding O
- · Types of Applications
- Submission Options

Application Form

Need help selecting the right

Application Instruction

Obtain Software

#### **Related Resources**

#### **Due Dates and Policies**

- Due Dates
- Submission Policies
- Dealing with System Issues

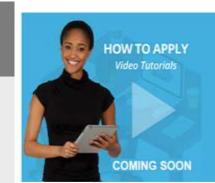
#### General Instruction Dealing With S

#### Filtered Application Inst

Research Instructions

Career Development Instructions Guidance for career development only

PDF



#### Related Resources

#### **Due Dates and Policies**

- · Due Dates
- Submission Policies
- · Dealing with System Issues

#### After Submission

- Receipt and Referral
- · Peer Review
- Pre-award Process
- Post-award Monitoring and Reportir

#### **Submission Policies**

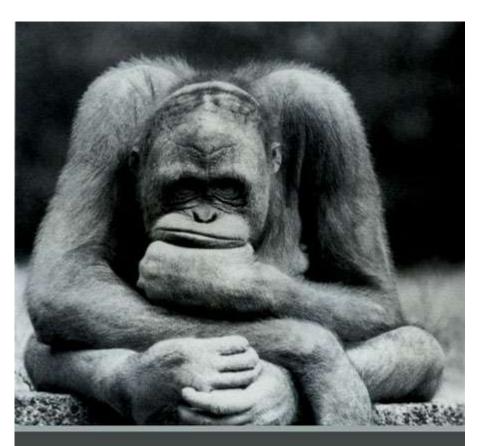
Learn about the policies that may impact your application submission.

#### On This Page:

- Due Dates on Holidays/Weekends/NIH Office Closure
- Late Applications
- Guidelines for Applicants Experiencing System Issues
- Continuous Submission Policy
- Prior Agreement Required for \$500,000+ Direct Costs
- New Investigator R01 Applications
- Post Submission Application Materials
- Resubmission Policy
- Evaluation of Overlapping Applications
- Weather/Other Disasters
- Paper Applications

#### Doing the right thing

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Oh what to to, what to dooo?

Office of Extramural Research NIH's Central Resource for Grants and Funding Informati





#### **About Grants**

Navigate the NIH grants process from finding a funding opportunity to monitoring your award.

- · Grants Process Overview
- · Get Started
- How to Apply
- · Application Referral and Review
- · Pre-Award and Post-Award Processes
- Forms Library



#### Poli

Learn about the poli

- NIH Grants Poli
- Notices of Police
- Compliance and
- Select Policy To



#### Policy and Compliance

Learn about the policy and compliance obligations of your grant award and find helpful resources on select policy topics.

- NIH Grants Policy Statement
- Notices of Policy Changes
- Compliance and Oversight
- Select Policy Topics



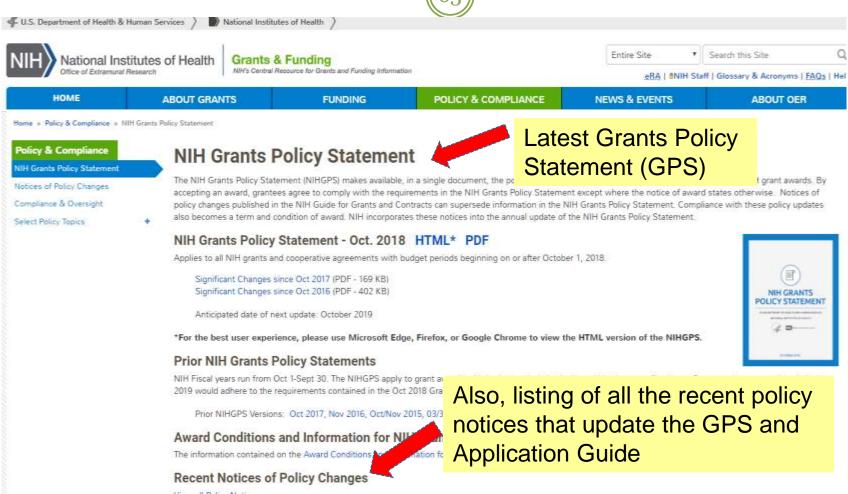
Learn More



#### **Grants Policy Page**



https://grants.nih.gov/policy/nihgps



#### Information for Foreign Applicants



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#### Information for...

Find key resources just for you.

- · Researchers
- · Research Administrators
- · Reviewers
- Small Businesses
- · Foreign Applicants
- Media and the Public

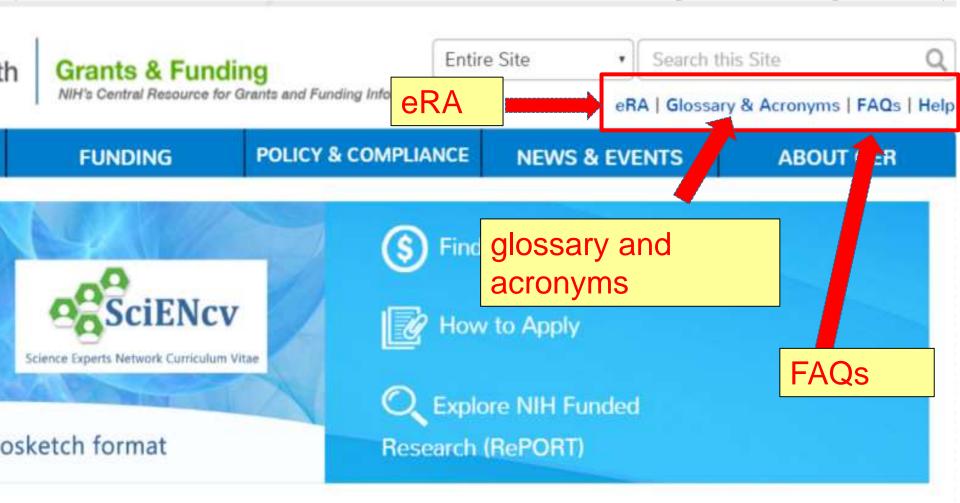
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#### **Accessory Links on Every Page**

grants.nih.gov





**Policy and Compliance** 



Information for...

# Just a Taste of the Information in RePORT.nih.gov and How it Can Help You Navigate NIH

## Get a Sense of Who and What NIH Funds



- Which NIH institutes fund research like yours
- NIH staff contacts
- Funding for Organizations
- Potential collaborators
- NIH-funded workforce data
- NIH grantees in your area
- Success rates

#### RePORT





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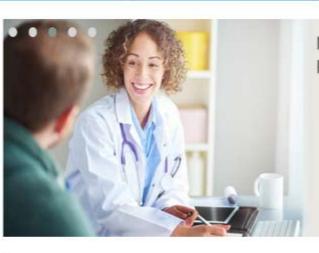
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New Policies and Reforms for Clinical Trials



\$ Find Funding



How to Apply



Explore NIH Funded Research (RePORT)



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Find key resources just for you.

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RESEARCH

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Links to The ReSource Newsletter, News updates, Release Notes, and the RePORT Brochure.



**QUICK LINKS** 











REPORT CATALOG



SPECIAL



#### Research Portfolio Online Reporting Tools (RePORT)

In addition to carrying out its scientific mission, the NIH exemplifies and promotes the highest level of public accountability. To that end, the Research Portfolio Online Reporting Tools provides access to reports, data, and analyses of NIH research activities, including information on NIH expenditures and the results of NIH supported research.

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#### RePORTER Tool Allows You to Search NHH Awards



Search

HOME | ABOUT REPORT | FAQs | GLOSSARY | CONTACT US **QUICK LINKS** RESEARCH LINKS & DATA ORGANIZATIONS WORKFORCE FUNDING REPORTS Patents The RePORT Expenditures and Results Tool (RePORTER) Search NIH-Search a repository of NIH-funded research projects funded and access publications and patents resulting from that funding. projects





LOCATION



MIH DATA BOOK



FACTS



CATEGORICAL SPENDING

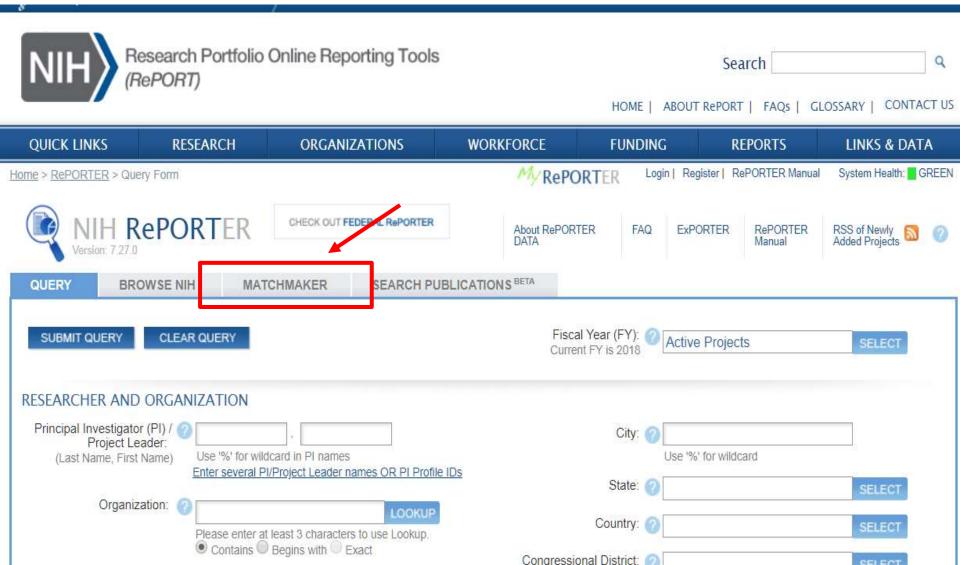


CATALOG





## Within RePORTER, Check Out Matchmaker for Research Like Yours and Program Contacts



#### Matchmaker – find similar projects



CHECK OUT FEDERAL RePORTER

About ReP DATA

QUERY

**BROWSE NIH** 

MATCHMAKER

SEARCH PUBLICATIONS BETA

Use Matchmaker to find similar projects and program officials

Enter abstracts or other scientific text and Matchmaker will return lists of similar projects from RePORTEF projects. These matches are based on the terms and concepts used in the submitted text. Up to 15,000 c Matchmaker summarizes the projects by the program official, institute or center, review panel, and activity

Enter your Text:

The research group investigates the neurobiology under psychiatric disorders. The work is focused on the syster brain of drug abusers and subjects with psychiatric disorder neuropeptide, cannabinoid and dopamine neuronal systemajor depression are associated with alterations of mosthus, an important goal is to identify and map specific graystem, which regulate emotional function. Techniques RT-PCR, DNA microarray, in vitro autoradiography, are used for the detailed analyses of genes, and respective discrete mesocorticolimbic brain areas. Molecular, biod of the human brain are assessed in relation to individual neurobiological correlates of functional genetic polymonand affective disorders. Epigenetic mechanisms, e.g., I evaluated in relation to the regulation of gene expression.

Mount Sinai Hospital

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Yasmin Hurd

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vasmin.hurd@mssm.edu

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Anatomy Recal Connic

Behavior

Brain

Developmental Biology

Gene Expressions

Gene Regulation

Mourehinlann

Mauropantidae

Verimscience

Neuroscience

Opioid/Cannabinoid Receptors

Research

The Hurd Laborator

The research group investigates the neurobiology underlying drug abuse and relate psychiatric disorders. The work is focused on the systematic study of the human brain of drug abusers and subjects with psychiatric disorders in relation to opioid neuropeptide, cannabinoid and dopamine neuronal systems. Drug abuse and, e.g., major depression are associated with alterations of mood, cognition, and motivation, thus, an important goal is to identify and map specific genes in the mesocorticolimbic system, which regulate emotional function. Techniques such as in situ hybridization, RT-PCR, DNA microarray, in witro autoradiography, and general biochemical assays are used for the detailed analyses of genes, and respective protein products, in discrete mesocorticolimbic brain areas. Molecular, biochemical, and in vivo studies of

Terms will be weighted by frequency of appearance in the text above. The process is automated and confidential. The Matchmaker system does not track and store submitted text.

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SIMILAR PROJECTS

SIMILAR PROGRAM OFFICIALS

# Matchmaker – Similar Project Search Result



# Matchmaker – find program officials

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SEARCH PUBLICATIONS BETA

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Matchmaker summarizes the projects by the program official, institute or center, review panel, and activity code.



Enter your Text:

The research group investigates the neurobiology underlying drug abuse and related psychiatric disorders. The work is focused on the systematic study of the human brain of drug abusers and subjects with psychiatric disorders in relation to opioid neuropeptide, cannabinoid and dopamine neuronal systems. Drug abuse and, e.g., major depression are associated with alterations of mood, cognition, and motivation, thus, an important goal is to identify and map specific genes in the mesocorticolimbic system, which regulate emotional function. Techniques such as in situ hybridization, RT-PCR, DNA microarray, in vitro autoradiography, and general biochemical assays are used for the detailed analyses of genes, and respective protein products, in discrete mesocorticolimbic brain areas. Molecular, biochemical, and in vivo studies of the human brain are assessed in relation to individual genotype in order to identify neurobiological correlates of functional genetic polymorphisms linked to addiction and affective disorders. Epigenetic mechanisms, e.g., DNA methylation, are also evaluated in relation to the regulation of gene expression.

Terms will be weighted by frequency of appearance in the text above. The process is automated and confidential. The Matchmaker system does not track and store submitted text.

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SIMILAR PROJECTS

SIMILAR PROGRAM OFFICIALS

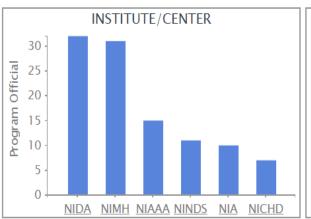
# Matchmaker – Program Official Results

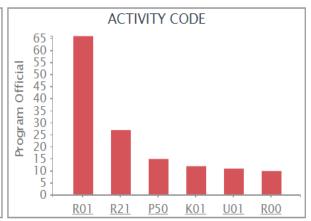
PROJECTS PROGRAM OFFICIAL

138 Program Official(s) from the matched projects. (500 projects maximum).

Show/Hide Search Criteria

Click on chart labels to filter search results by the Institute/Center or Activity Code





Click on the column header to sort the results

Records per page 25 1 2 3 4 5 6 Click here to view detailed Charts

1 of 6 Next Last > >

Program Official	IC	Contact Information	Projects
SORENSEN, ROGER	NIDA	Click to view PO email address	<u>18</u>
POLLOCK, JONATHAN D	NIDA	Click to view PO email address	<u>16</u>
PARIYADATH, VANI	NIDA	Click to view PO email address	<u>14</u>
<u>SU, SHELLEY</u>	NIDA	Click to view PO email address	<u>11</u>
SATTERLEE, JOHN S	NIDA	Click to view PO email address	<u>10</u>
BABECKI, BETH	NIDA	Click to view PO email address	<u>10</u>
BERTON, OLIVIER ROLAND	NIDA	Click to view PO email address	<u>10</u>
FREUND, LISA S	NICHD	Click to view PO email address	<u>9</u>

# **Drill Down to Administrative Details from Results Screen**

Project Number: 5R01DA015446-10

Title: THE OPIOID MESOLIMBI PI contact info

Contact PI / Project Leader: Awardee Organization:

HURD, YASMIN L ICAHN SCHOOL OF

Contact PI / Project Leader Information: A

Program Official Information:

Name: PILOTTE, NANCY S

Email: Click to view PO email

**NIH** program

Other Pl Information:

Email: Click to view Contact PI / Project Leader email address

Title: PROFESSOR

Name: HURD, YASMIN L

official

Organization:

Name: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAL

City: NEW YORK Country: UNITED STATES

FOA

Department Type/ Organization Type:

NEUROSCIENCES

SCHOOLS OF MEDICINE

State Distric

Congr

Other Information:

FOA: PA-07-226 Study Section: Neural Basis of Psychopathology Addictions and

Sleep Disorders Study Section (NPAS)

Fiscal Year: 2013 Award Notice Date: 12-FFB-2013

**DUNS Number: 078861598** 

Review

Project Start Date: 30-SEP-2002

panel

Budget Start Date: 1-MAR-2013

CFDA Code: 279 Project End Date:

**Budget End Date:** 

Administering Institutes or Centers:

NATIONAL INSTITUTE ON DRUG ABUSE

Project Funding Information for 2013:

**Funding** 

Direct Costs: \$279,037

Indire

Total Funding: \$455,810

Year Funding IC FY Total Cost by IC

\$455,810

2013 NATIONAL INSTITUTE ON DRUG ABUSE

# Make sense of our ever changing environment







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- Researchers
- Research Administrators
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- · Foreign Applicants
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#### **Open Mike**

Helping connect you with the NIH perspective, and helping connect us with

Posted on August 31, 2017 by Mike Lauer

# NIH's Next Generation Researchers Policy Now Posted

Today we posted a policy (NIH Guide Notice NOT-OD-17-101) describing current plans of the Next Generation Researchers Initiative. Since I first blogged about it in June, NIH leadership have reviewed data (see accompanying blog) and deliberated about how best proceed. Our goal is to increase the number of NIH-funded early-stage investigators are assure, as best we can, that funded early-stage investigators have a reasonable chance secure stable funding during the earliest stages of their independent research careers. To new policy will supersede previous notices on new and early stage investigators (NOT-OD-09-013 and NOT-OD-09-134).





Dr. Michael Lauer is NIH's Deputy

Subscribe to the monthly Nexus for a summary of NIH grant happenings, resources, events.

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#### **OER's Social Media Presence**







Open Mike
NIH Division of Loan Repayment (DLR) Director's Blog



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## **All About Grants Podcast**

#### Download Episodes Podcast

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#### Prepare a Successful Grant Application?

- Telling Your Story
- Composing Your Cover Letter
- Navigating a Funding Opportunity Announcement
- Deciphering Funding Opportunity Alphabet Soup
- Due Dates, Cycles and Award Dates Oh My!
- Getting Ready to Submit (November

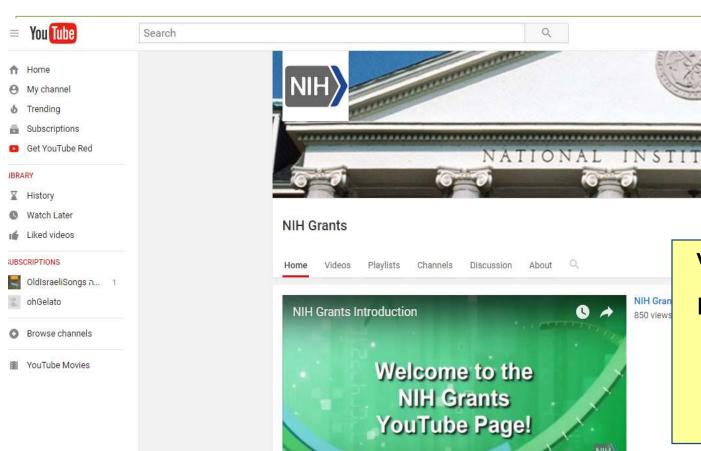
# All About Grants Channel on iTunes or download directly from webpage

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#### Understand How Your Grant is Reviewed?

- Thinking About Resubmitting
- Summary Statement Basics
- Scoring Your Application
- The Ins and Outs of a Study Section Meeting



Videos on wide range of grants policies, processes and systems

#### Featured Videos



0:00 / 1:36

AVIGATING NIH PEER REVIEW 8 Ways to Successfully Navigate

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8 Ways to Successfully Navigate NIH Peer Review and Get a... 1,316 views • 2 months ago CC

#### The NIH Grants Process

## **How to Find NIH Staff to Talk To**



## Finding the Right Staff Contacts



- FOAs include contact names for program, review and grants management staff.
- Institute websites have org charts or contact lists so to help you find a name. <a href="https://www.nih.gov">www.nih.gov</a>
- RePORTER provides the NIH program official's name for funded projects, funding IC and the FOA.
   projectreporter.nih.gov
- Use the NIH Staff Directory if you already have a name ned.nih.gov
- If in doubt, use the help link on grants.nih.gov for guidance.

SciENcv

Science Experts Network Curriculum Vitae

sketch format

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**FUNDING** 

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Look for the help link on the top of all Grant and Funding pages

- eRA and Grants Info service desks Guidance on finding the right NIH staff contacts
- Central mailboxes for topic specific assistance

Policy and Compliance

grants.nih.gov

and compliance

obligations of your grant award and find

Find key resources just for you.

Final Piece of Advice?

### Remember



- Do your research
  - Understand the NIH process, policies, & expectations
- Build support
  - Learn who can help you at your institution
- Reach out
  - Contact us
  - Stay connected and monitor what is happening at NIH
- Apply
  - If you want to compete for a grant you must apply

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# Thank you