



Grant Writing for Success

Preparing a NIH Grant Application

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Division of Extramural Activities

National Institute of Allergy and Infectious Diseases (NIAID)

National Institutes of Health (NIH)

Objective

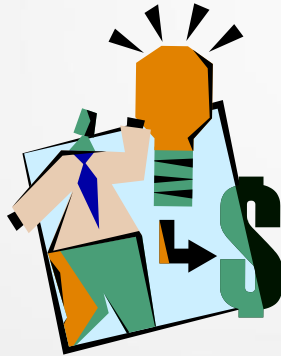
Upon completion of this session, participants will be able to:

- list significant steps involved from application to award;
- explain the fundamentals of writing a clear and concise research grant application; and
- describe the differences in writing a career development (K) grant application compared to research grant opportunities.

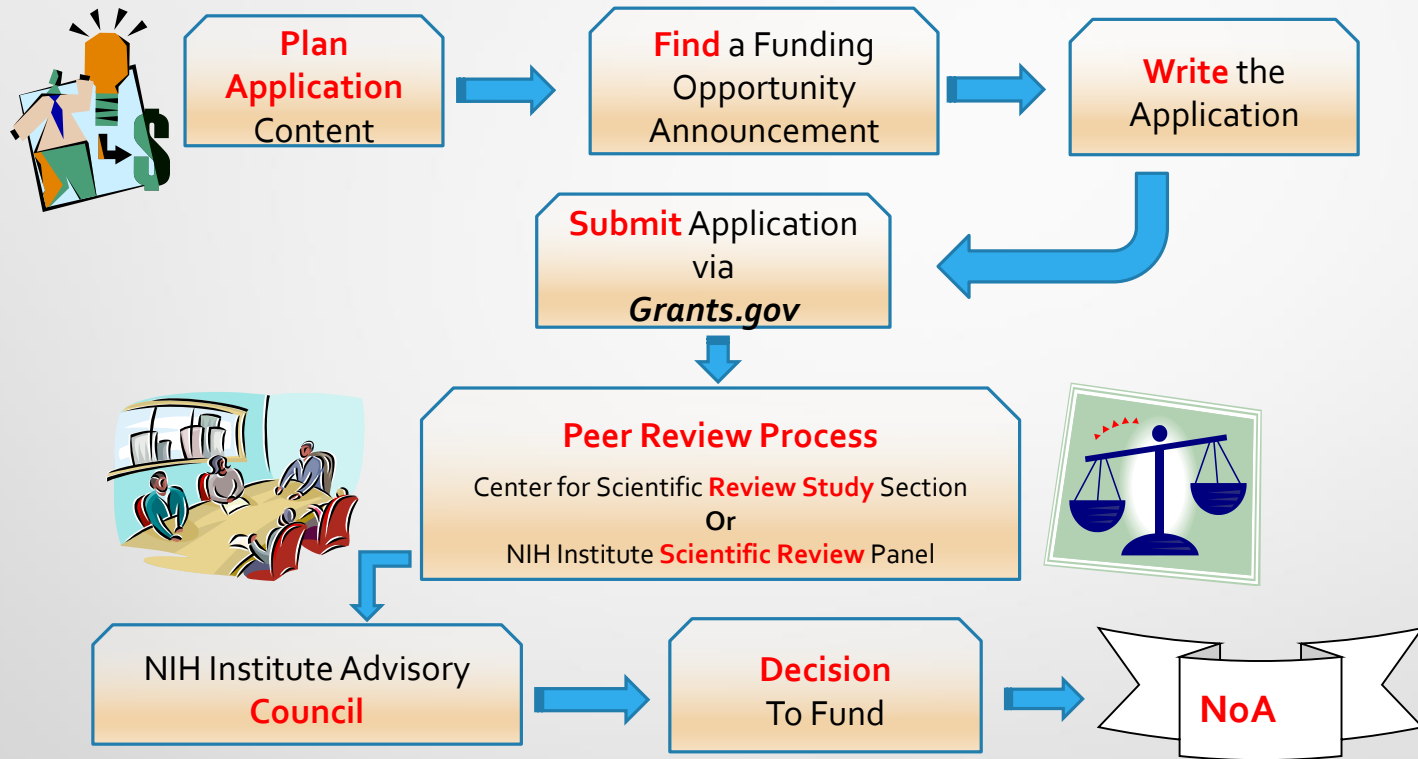
Where to Look For Funding Opportunity Announcements (FOA)



Information to consider *before* you submit a NIH grant application...



NIH Grant Application and Review Process



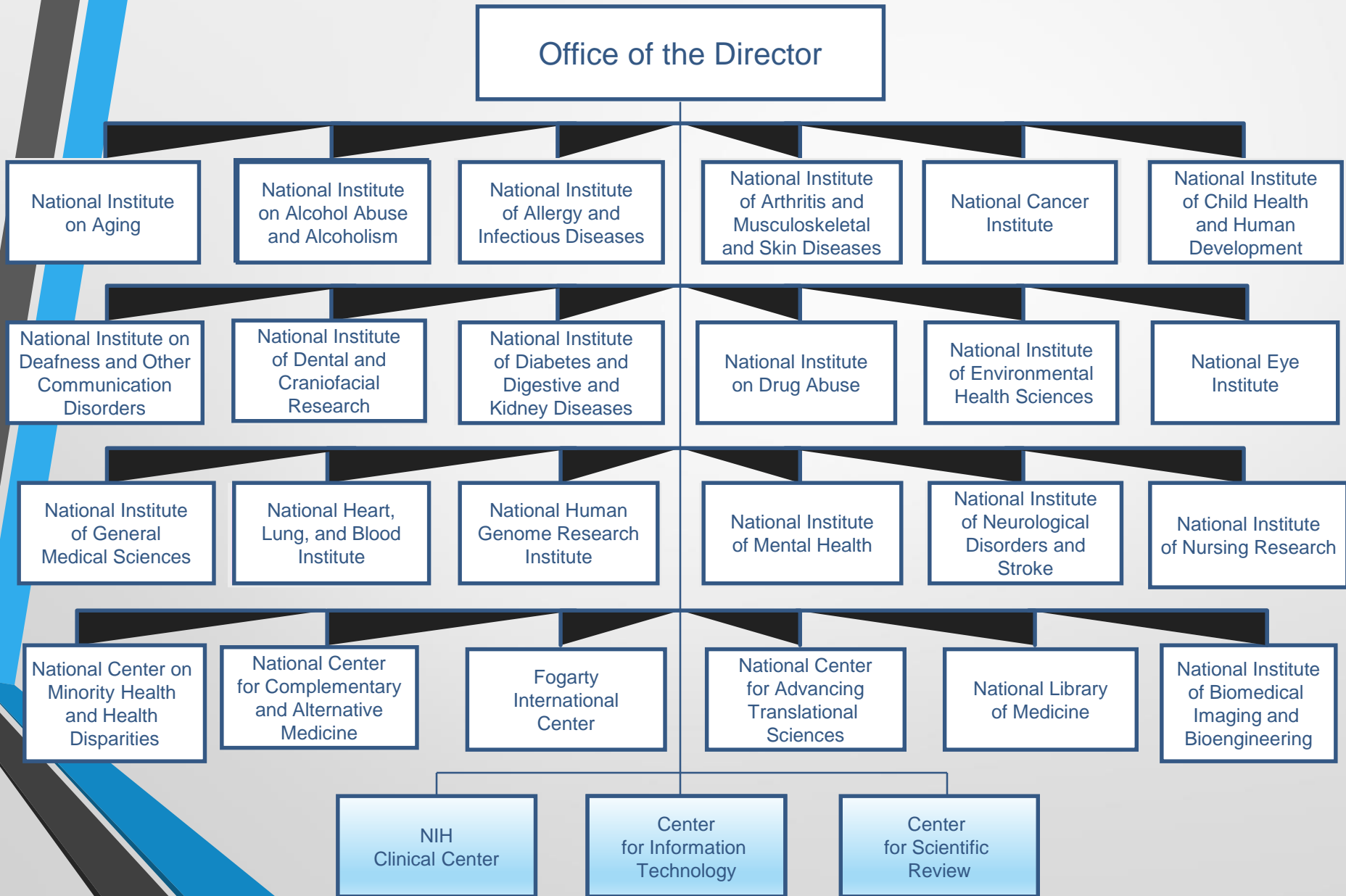
From application submission to award may take... 9 months

NIH Institutes and Centers



- Become familiar with:
- NIH organizational structure
 - 27 institutes and centers (IC)
 - Research mission of each IC
 - Types of people and organizations eligible to apply
 - Grant programs offered
- Determine if you need prior approval from your organization and/or NIH to apply
- Communicate with your organization's designated Authorized Organizational Representative (AOR) or Signing Official (SO)

National Institutes of Health



Fogarty International Center (FIC)

Research grants:

- Researcher training
- Fund research capacity building programs in low- and middle-income countries
- Fund research projects in a variety of areas such as infectious diseases, chronic conditions, population health, informatics, genetics, and clinical, operational and health services
- Collaborative programs partner with other NIH Institutes/Centers/Offices to support non-U.S. research



Fogarty Funding Opportunities - Dates and Deadlines

Fogarty's global health research and research training programs offer a variety of funding opportunities. Find upcoming application deadlines, announcements from the NIH Office of Extramural Research (OER) and more information about Fogarty programs.

- NIH ASSIST now a submission option for applications to many Fogarty programs (NOT-OD-15-126)
- All Fogarty Programs
- Fogarty Programs that may be considered for future competition.

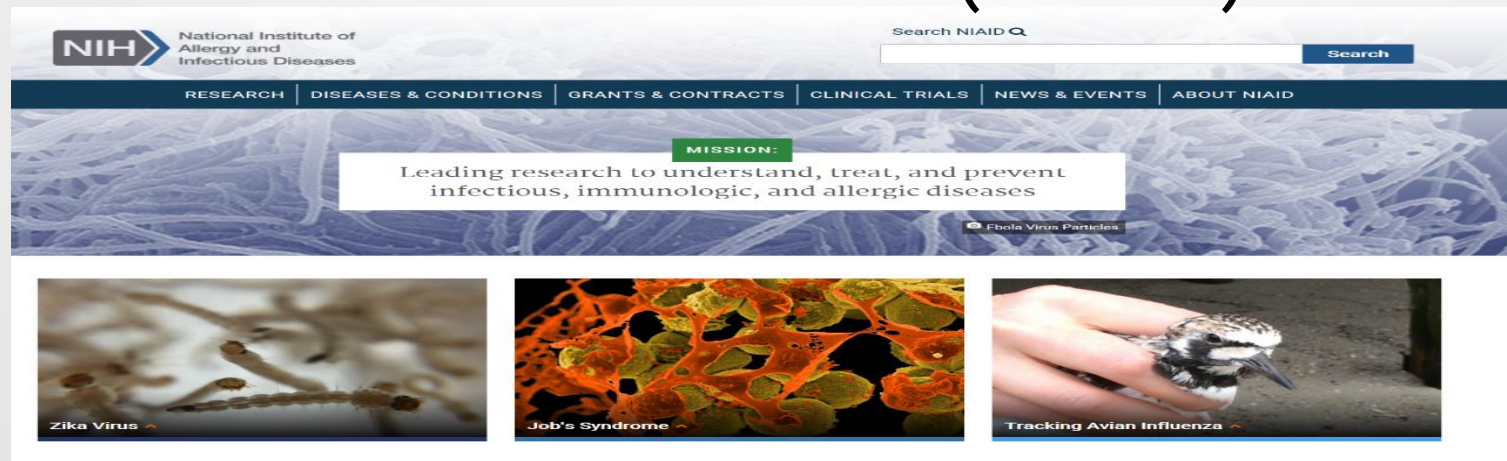
Subscribe to Fogarty's *Global Health Matters* newsletter, and weekly funding news for global health researchers.

[> SUBSCRIBE](#)

- ▶ [Country Eligibility for Fogarty Training Grants](#)
- ▶ [All NIH funding opportunities and notices](#)

Application Due Date	Fogarty Funding Opportunity (Announcement)	Affiliated Fogarty Programs (Overview)	Type of Opportunity
November 7, 2017	Global Brain and Nervous System Disorders Research Across the Lifespan (R21) (PAR-17-313)	Global Brain Disorders Research	Exploratory/Developmental Research Grant
November 7, 2017	Global Brain and Nervous System Disorders Research across the Lifespan (R01) (PAR-17-314)	Global Brain Disorders Research	Research Project Grant
December 11, 2017	Reducing Stigma to Improve HIV/AIDS Prevention, Treatment and Care in Low- and Middle-Income Countries (R21) (PAR-17-474)	Stigma HIV/AIDS	Exploratory/Developmental Research Grant
December 14, 2017	Emerging Global Leader Award (K43) (PAR-17-001)	Emerging Global Leader	Career Development Grant
December 14, 2017	Global Noncommunicable Diseases and Injury Across the Lifespan: Exploratory Research (R21) (PAR-16-052)	Global Noncommunicable Diseases and Injury Research	Exploratory/Developmental Research Grant
March 7, 2018	International Research Scientist Development Award (IRSDA) (K01) (PAR-17-002)	International Research Scientist Development Award (IRSDA)	Career Development Grant
March 14, 2018	Planning for Non-Communicable Diseases and Disorders Research Training Programs in Low and Middle Income Countries (D71) (PAR-17-097)	Chronic, Noncommunicable Diseases and Disorders Research Training	International Research Training Planning Grant
May 17, 2018	International Research Ethics Education and Curriculum Development Award (R25) (PAR-16-081)	Bioethics	Education Project
May 17, 2018	International Bioethics Research Training Program (D43) (PAR-16-454)	Bioethics	International Research Training Grants
July 26, 2018	Global Infectious Disease Research Training Program (D43) (PAR-17-057)	Global Infectious Diseases (GID)	International Research Training Grants

National Institute of Allergy and Infectious Diseases (NIAID)



- Supports and conducts global research
- Funds a wide range of international biomedical research in infectious, immunologic, and allergic diseases and conditions.
- Trains and collaborates with scientists from around the world
- Supports projects in more than 100 countries.
- Global research covers a broad spectrum of diseases and conditions including
 - HIV/AIDS, malaria, influenza, tuberculosis, diabetes, asthma, and many others.

<https://www.niaid.nih.gov/>

Find a Funding Opportunity

Opportunities & Announcements

Find a Foundation

Stay Informed About Policy Changes & News

Types of Funding Opportunities

NIAID Research Priorities

See Funded Projects

Timelines & Due Dates

Opportunities & Announcements

Funding Opportunity Announcements

Special Announcements

All NIAID-relevant grant funding opportunity announcements are listed here. Any amendments to an announcement will be listed in the funding opportunity announcement. For contracts, see [NIAID Contract Solicitations](#). For other funding opportunity resources, see [Funding Opportunity Resources](#).

Filter announcements by:

HIV

Filter announcements by:

Select Type of Funding Opportunity

Title	Activity Code	Posting Date	Expiration Date
HIV Drug Resistance: Genotype-Phenotype-Outcome Correlations (R01) - PA-17-291	R01	May 17, 2017	May 8, 2018
HIV Drug Resistance: Genotype-Phenotype-Outcome Correlations (R21) - PA-17-292	R21	May 17, 2017	May 8, 2018
HIV-1 Infection of the Central Nervous System (R01) - PA-17-100	R01	January 5, 2017	January 8, 2020
HIV and Hepatitis B Co-Infection: Advancing HBV Functional Cure through Clinical Research (R01) - PA-17-279	R01	May 12, 2017	May 8, 2020
HIV and Hepatitis B Co-Infection: Advancing HBV Functional Cure through Clinical Research (R21) - PA-17-278	R21	May 12, 2017	May 8, 2020
Silencing of HIV-1 Proviruses (R61/R33) - RFA-AI-17-013	R61/R33	May 17, 2017	December 7, 2017
Novel Biomarkers for the Development of HIV Incidence Assays with Improved Specificity (R21) - PA-15-106	R21	January 29, 2015	January 8, 2018
Role of Exosomes in HIV Pathogenesis - PA-15-107	R21	January 30, 2015	January 8, 2018

<https://www.niaid.nih.gov/grants-contracts/opportunities>

NIH Award Mechanisms

- **Grants**
 - Investigator initiated
 - Program Announcement (PA)
 - Request for Applications (RFA)
- **Cooperative agreements**
 - Substantial NIH staff involvement
 - Solicited – RFA
- **Contracts**
 - Solicited – Request for Proposals (RFP), Broad Agency Agreement (BAA), other contract mechanisms

Types of Research Grants

Small Grant Program (R03)

- Limited funding for a short period of time to supports various types of projects, including: pilot or feasibility studies, collection of preliminary data
- Direct costs generally up to \$50,000 per year
- Limited to two years of funding

Exploratory/Developmental Research Grant Award (R21)

- New, exploratory & developmental projects, supports early stages of project
- Limited to up to two years of funding
- Budget for direct costs for the two year project period up to \$275,000.
- No preliminary data is generally required

Research Project Grant (R01)

- Used to support a discrete, specified research project
- NIH most commonly used grant program
- Budget – costs appropriate for the project, typically <\$500K/year
- Generally awarded for 3-5 years

Research Project Cooperative Agreement (U01)

- Supports discrete, specified projects to be performed by investigator(s) in an area representing specific interests and competencies
- Substantial NIAID program staff involvement
- No specific dollar limit – amount and years specified in FOA

View
sample
applications
from former
applicants

Apply for a Grant

Sample Applications

Determine Eligibility +

Prepare Your Application +

Plan Your Budget & Personnel +

Additional Application +

Special +

+
+
+
+
+



Sample Applications & More

Check out our many sample applications and summary statements. Below the list of applications, you'll also find NIAID and NIH example forms, sharing plans, letters, emails, and more.

Table of Contents

- [R01 Sample Applications and Summary Statements](#)
- [R03 Sample Applications and Summary Statements](#)
- [R15 Sample Applications and Summary Statements](#)
- [R21 Sample Applications and Summary Statements](#)
- [R24 Sample Application and Summary Statement](#)
- [R29 and R44 – Small Business Sample Applications](#)
- [R34 Sample Applications and Summary Statements](#)

Identify Collaborative Research and Research Administration Opportunities

- **Examples:**
- Develop and implement **collaborative research projects** conducted with current NIH awardees.
- Identify opportunities for **scientist exchanges** between early stage scientists and experts in your field or related field of research.
- Conduct **workshops or symposia** to bring together scientists, and expert researchers, and clinicians performing related research.
- Network with **research administrators** who are managing NIH awards

Specific Aims and Research Strategy

- Specific Aims:
 - Think about and develop language that clearly describes the research project aims and indicate which partner of the collaboration will be responsible for accomplishing each of the aims.
- Research Strategy:
 - Ensure there is sufficient information in the grant application to allow evaluation of the proposed research
 - Provide clear plans and goals of the research especially the roles and responsibilities of all participating partners
 - Engage research administrator to develop a well developed, and appropriately budgeted, financial management plan

Clinical Trial (CT) or Non-CT

- **NIH Definition of a Clinical Trial:**

“A research study in which one or more human subjects are prospectively assigned to one or more interventions (which may include placebo or other control) to evaluate the effects of those interventions on health-related biomedical or behavioral outcomes.”

- ▶ **Beginning for Due Dates on or after January 25, 2018**

Applicants proposing clinical trials - must apply to a FOA that allows CTs. <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-17-114.html>

Applications submitted through a non-CT FOA will be returned without review.

New NIH “FORMS-E” Grant Application Instructions

- New Forms and Instructions for application due dates on or after **January 25, 2018**.
 - <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-17-119.html>
 - Video Tour - https://www.youtube.com/watch?v=nzgNWFhYOG8&list=PLOEUwSnjvqBJeHcb4yai7_fDnFZFPEmQK&index=1
- Includes new PHS Human Subjects and Clinical Trials Information form, and other policy information.



Career Development Applications (K)

About DBRW

Career Path

Programs

Institute/Program Matrix

Resources

Undergraduate

Graduate/Doctorate

Postdoctoral/Residency

Early Career

Established Investigator

Career Path

RTCD Home > Career Path

NIH programs help to prepare
 the skilled, creative and diverse
 biomedical research workforce
 of tomorrow



Undergraduate and
 Postbaccalaureate
 Education

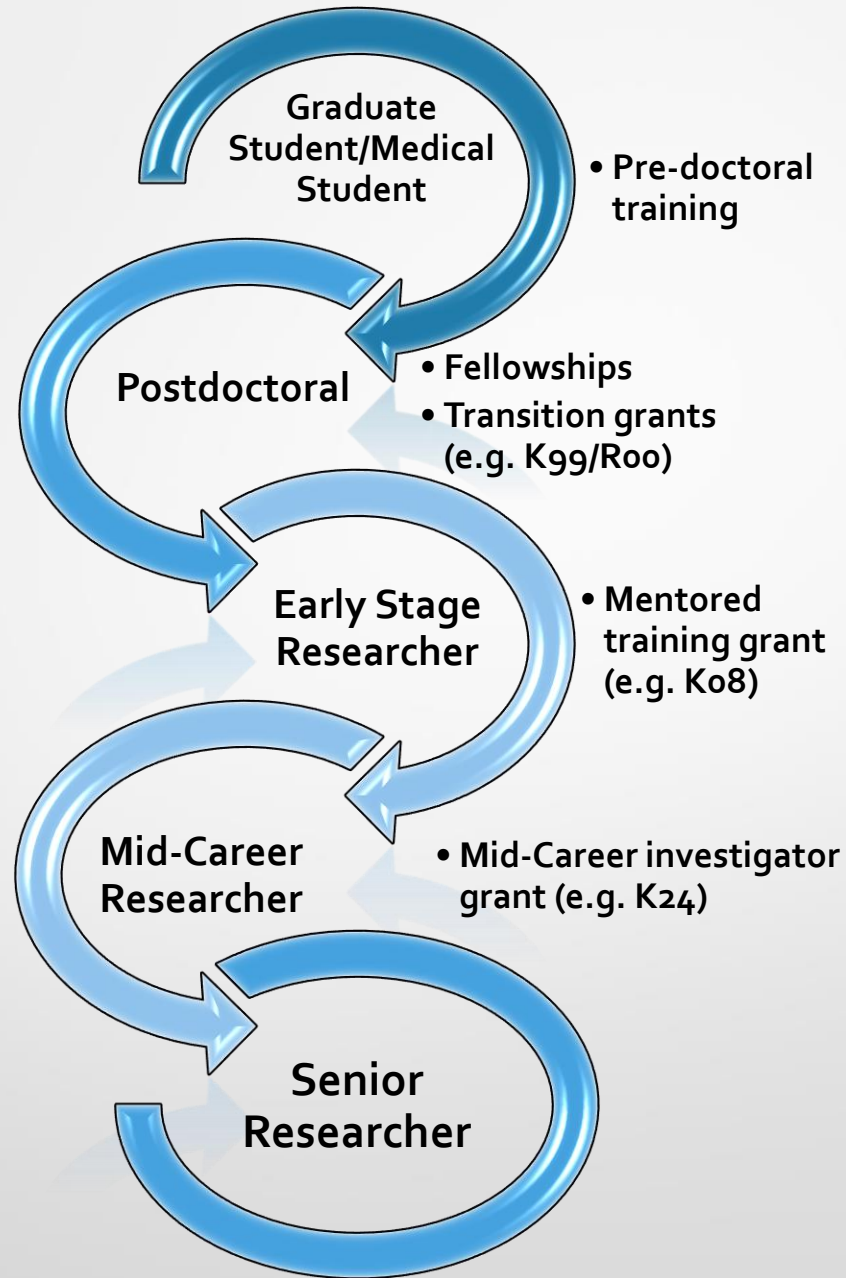
Predocutorial Training/
 Clinical Doctorate

Postdoctoral
 Training/Clinical
 Residency




Early Research Career
 Development

Investigator
 Development and
 Mentoring

Career Stage



FOA– Career Development Example

Funding Opportunity Title	Mentored Clinical Scientist Research Career Development Award (Parent K08) 
Activity Code	K08 Clinical Investigator Award (CIA)
Announcement Type	Reissue of PA-14-046
Related Notices 	<ul style="list-style-type: none">• May 10, 2017 - New NIH "FORMS-E" Grant Application Forms and Instructions Coming for Due Dates On or After January 25, 2018. See NOT-OD-17-062.• March 17, 2017 - NCI will support training in Patient-Oriented Research through K08 Awards and increase K08 Salary and Research Support. See Notice NOT-CA-17-042.• September 13, 2016 - NHLBI Policy Concerning Mentored Career Development (K08 and K23) Awards. See Notice NOT-HL-16-443.• June 2, 2016 - Notice to Extend the Expiration Date for PA-16-191. See Notice NOT-OD-16-098.
Funding Opportunity Announcement (FOA) Number	PA-16-191 
Companion Funding Opportunity	None
Number of Applications	See Section III. 3. Additional Information on Eligibility .
Catalog of Federal Domestic Assistance (CFDA) Number(s)	93.847; 93.242; 93.856; 93.855; 93.846; 93.213; 93.113; 93.398 93.279; 93.839; 93.838; 93.837; 93.859; 93.867; 93.273; 93.121; 93.286; 93.866; 93.173; 93.853 93.865; 93.172;
Funding Opportunity Purpose	<p>The primary purpose of the NIH Mentored Clinical Scientist Research Career Development Awards (K08) program is to prepare qualified individuals for careers that have a significant impact on the health-related research needs of the Nation. This program represents the continuation of a long-standing NIH program that provides support and "protected time" to individuals with a clinical doctoral degree for an intensive, supervised research career development experience in the fields of biomedical and behavioral research, including translational research. Individuals with a clinical doctoral degree interested in pursuing a career in patient-oriented research should refer to the NIH Mentored Patient-Oriented Research Career Development Award (Parent K23).</p> <p>Prospective candidates are encouraged to contact the relevant NIH staff for IC-specific programmatic and budgetary information: Table of IC-Specific Information, Requirements and Staff Contacts.</p>

Writing a K Application ?

- Career Development Award
 - Ks for clinicians at different career stages
 - Also K99/Roo transition award
- Check eligibility requirements for you and your mentor(s)
- Review criteria
 - Candidate
 - Mentor(s), Co-mentor(s) – mentoring team
 - Career development plan/career goals and objectives
 - Research Plan
 - Environment and Institutional Commitment

Where to find help throughout the
process...





National Institutes of Health
Office of Extramural Research

Grants & Funding
NIH's Central Resource for Grants and Funding Information

Entire Site | Search this Site

eRA | Glossary & Acronyms | FAQs | Help

- HOME
- ABOUT GRANTS
- FUNDING
- POLICY & COMPLIANCE
- NEWS & EVENTS
- ABOUT OER



has launched the

NEXT GENERATION RESEARCHERS INITIATIVE

to bolster support for early-stage and mid-career investigators

Click here to go to <https://grants.nih.gov/ngri.htm>



Find Funding

How to Apply

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

Learn More



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

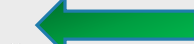
Learn More



Information for...

Find key resources just for you.

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



Learn More

<http://grants.nih.gov/grants/oer.htm>

Funding Opportunity Announcement (FOA)

Read the FOA Sections Carefully and Completely

- Identify FOA of interest and check **application due date**
- Read Eligibility Section to ensure non-U.S. entities are eligible to apply

Non-U.S. research partners, questions to consider:

- Does the application/proposal
 - Present **special** opportunities for furthering research programs?
 - Describe use of **unusual talent**, resources, populations, or environmental conditions?
 - Propose research **not readily available in the United States** or that augments existing U.S. resources as well as your local population?

FOA For Research Award

Key Points - Example

Open Date (Earliest Submission Date) May 22, 2018

Letter of Intent Due Date(s) 30 days before the application due date

Application Due Date(s) July 27, 2018, October 14, 2018, February 17, 2019, October 14, 2019 **by 5:00 PM local time of applicant organization**
Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

AIDS Application Due Date(s) Applicable or Not Applicable

Scientific Merit Review Nov 2018, Feb 2019, July 2019, Nov 2019, Feb 2020

Advisory Council Review Jan 2019, May 2019, Oct 2019, Jan 2020, May 2020

Earliest Start Date April 2019, July 2019, Dec 2019, April 2020, July 2020

FOA Expiration Date October 15, 2019

- **Eligible Organizations (Section III) – check eligibility**
- 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

FOA: RFA Example

Department of Health and Human Services Part 1. Overview Information

Participating Organization(s) National Institutes of Health (NIH)

Components of Participating Organizations
 National Institute of Neurological Disorders and Stroke (NINDS)
 National Eye Institute (NEI)
 National Institute on Aging (NIA)
 National Institute on Alcohol Abuse and Alcoholism (NIAAA)
 National Institute of Biomedical Imaging and Bioengineering (NIBIB)
 Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)
 National Institute on Deafness and Other Communication Disorders (NIDCD)
 National Institute on Drug Abuse (NIDA)
 National Institute of Mental Health (NIMH)
 National Center for Complementary and Integrative Health (NCCIH)
 Office of Behavioral and Social Sciences Research (OBSSR)
 Office of Research on Women's Health (ORWH)

Funding Opportunity Title

BRAIN Initiative: Targeted BRAIN Circuits (R01 - Clinical Trial Not Allowed)

Activity Code

R01 Research Project Grant

Announcement Type

Reissue of RFA-NS-17-014

Related Notices

None

Funding Opportunity Announcement (FOA) Number

RFA-NS-18-009

Companion Funding Opportunity

None

Funding Opportunity Purpose

This FOA solicits applications for research projects that use innovative and methodologically-integrated approaches to understand how circuit activity gives rise to mental experience and behavior. The goal is to support projects that can realize a meaningful outcome within 5 years. Applications should address circuit function in the context of specific neural systems such as sensation, perception, attention, reasoning, intention, decision-making, emotion, navigation, communication, or homeostasis. Projects should link theory and data analysis to experimental design and should produce predictive models as deliverables. Projects should aim to improve the understanding of circuits of the central nervous system by systematically controlling stimuli and/or behavior while actively recording and/or manipulating dynamic patterns of neural activity. Projects can use non-human animal species, and applications should explain how the selected species offers ideal conditions for revealing general principles about the circuit basis of a specific behavior.

Key Dates

Posted Date

October 4, 2017

Open Date (Earliest Submission Date)

November 8, 2017

Letter of Intent Due Date(s)

30 days prior to the application due date

Application Due Date(s)

December 8, 2017 and March 15, 2018, by 5:00 PM local time of applicant organization. All types of non-AIDS applications allowed for this funding opportunity announcement are due on these dates.

AIDS Application Due Date(s)

Applicants are encouraged to apply early to allow adequate time to make any corrections to errors found in the application during the submission process by the due date.

Scientific Merit Review

Not applicable

Advisory Council Review

March 2018 and June 2018

Earliest Start Date

May 2018 and August 2018

Expiration Date

June 2018 and September 2018
 March 16, 2018

Example Program Announcement (PA): FOA Research Administration Development

PAR-15-131 Global Infectious Disease Research Administration Development Award for LMIC Institutions (G11)

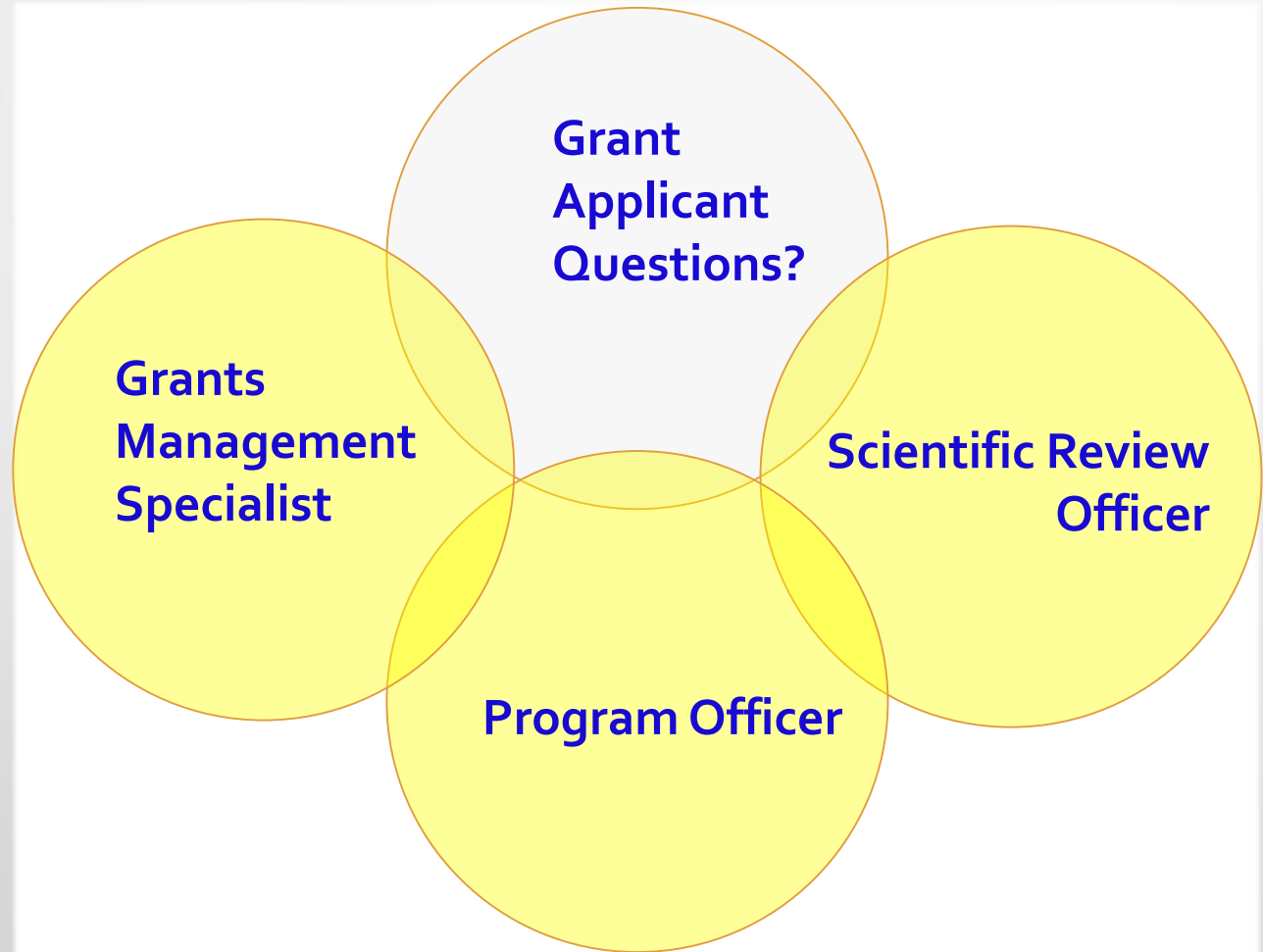
Purpose:

- Provide senior administrators from LMICs with advanced training in the management of NIH grants – improve in-country oversight & compliance
- **Train-the-Trainer:** to generate long-term training programs for grants management staff from within the local institution

Eligible Applicants:

- Located in a LMIC as defined by the World Bank
- Currently receiving funds from NIAID, directly or as a sub-awardee
- Received **less than \$2.2 million** in total NIH grant or cooperative agreement support over the last 5 years ([NOT-AI-16-029](#))

NIH Extramural Research Team



Scientific Review Officer (SRO):

- Peer review process official
- Each Grant Application Study Section is led by a SRO.
- The SRO is an extramural staff scientist and Designated Federal Official (DFO) responsible for ensuring that each application receives an objective and fair initial peer review and that all applicable laws, regulations, and policies are followed.



Credit: NIH,CSR

Scientific Program Officer (PO)*

- Scientist and administrator
- Manages scientific research portfolio
- Identifies research opportunities and needs
- Sets priorities and stimulates interest in specific scientific areas
- Communicates research program priorities
- Can provide advice before and after peer review meetings

*Also called a Program Director (PD), Contracting Officer Representative (COR)

Grants Management Specialist (GS)

- Provides NIH grants policy guidance to awardees and applicants
- Interprets grants policies as they relate to the grant award process
- Negotiates and issues all grant awards
- Handles all matters relating to the notice of grant award, including funding levels and terms and conditions
- Oversees and resolves budget and administrative grant issues

Applying for Grants: e-Submission



Adhere to Application Due Dates

Submit by Due Date: Check the FOA – Recommend: submit several days early
Latest Submission Time: Due by **5:00 PM local time** of the applicant organization on the specified due date.

The screenshot shows the NIH Grants & Funding website. The header includes the NIH logo, 'National Institutes of Health Office of Extramural Research', and 'Grants & Funding NIH's Central Resource for Grants and Funding Information'. There is a search bar and navigation links for 'eRA | Glossary & Acronyms | FAQs | Help'. The main navigation bar has links for HOME, ABOUT GRANTS, FUNDING, POLICY & COMPLIANCE, NEWS & EVENTS, and ABOUT OER. The breadcrumb trail is 'Home » About Grants » How to Apply - Application Guide » Due Dates'. The page title is 'Due Dates'. Below the title, there is a paragraph explaining the purpose of the page and a list of links: 'On This Page: [General Information] [Application Due Dates] [Review & Award Cycles]'. The 'General Information' section contains a bulleted list of instructions. The 'Application Due Dates' section features a search box with 'R21, K series, U13' entered. Below the search box is a table with columns for 'Activity Codes', 'Program Description', 'Cycle I Due Date', 'Cycle II Due Date', and 'Cycle III Due Date'.

Activity Codes	Program Description	Cycle I Due Date	Cycle II Due Date	Cycle III Due Date
P Series <i>All - new, renewal, resubmission, revisions</i>	Program Project Grants and Center Grants NOTE: Applicants should check with the relevant Institute or Center (IC), since some do not accept P series applications for all three receipt/review/award cycles.	January 25	May 25	September 25
R18, U18 R25 <i>All - new, renewal, resubmission,</i>	Research Demonstration Education Projects	January 25	May 25	September 25

NEXT...Peer Review



Peer Review: Evaluation Criteria

- **Criteria** described below are considered in **Evaluating** the Application
 - **Five Individually Scored Review Criterion**
 - significance
 - investigator(s)
 - innovation
 - approach
 - environment
 - Reviewers consider each criterion score in formulating an overall **impact/priority score** for the application
 - **Resubmission**— applicable to applications that have been through ONE round of peer review. Respond to comments from the previous review

Peer Review: Evaluation Criteria...cont.

- Also includes initiative specific review criteria, when applicable
- Additional review criteria – (HS, Animals, Biohazards, resubmission, renewal)
- Additional review considerations:
 - Applications from Foreign Organizations
 - Select Agents
 - Resource Sharing Plans
 - Budget and Period of Support
- Reviewers evaluate and score each application

Peer Review: NIH Scoring System

Score	Descriptor	Additional Guidance on Strengths/Weaknesses
1	Exceptional	Exceptionally strong with essentially no weaknesses
2	Outstanding	Extremely strong with negligible weaknesses
3	Excellent	Very strong with only some minor weaknesses
4	Very Good	Strong but with numerous minor weaknesses
5	Good	Strong but with at least one moderate weakness
6	Satisfactory	Some strengths but also some moderate weaknesses
7	Fair	Some strengths but with at least one major weakness
8	Marginal	A few strengths and a few major weaknesses
9	Poor	Very few strengths and numerous major weaknesses

After Initial Peer Review ...

- Application receives an overall impact/priority score
- Summary statement is written – provides a summary of the reviewers discussion and recommendations
- Information is also available to NIAID staff
- Priority score and summary statement are available to the applicant in the NIH eRA Commons system



Commons

A program of the National Institutes of Health

Second Level of Review

- After the Initial Peer Review is complete
- The Second level of Review is done by the Institutes' Advisory Council/Board members

To Fund or Not To Fund?



- Funding decisions
 - Details documented in each institute's procedures.
- Review products used in funding decisions
 - Impact score and percentile
 - Summary statement
 - Criterion scores
- Program factors in funding decisions
 - Relevance to institute's mission and priorities
 - Council recommendations
 - Early-stage PI status
 - Other Institute specific factors
- Institute final funding decisions based on advice from staff and the Advisory Council/Board
- **Successful applicants receive a Notice of Award from the funding institute's grants management officer**



Resources For Researchers

Some NIH institutes offer resources that can help facilitate preclinical and/or clinical research

NIAID Resources for Researchers

- ▶ Helps translation of basic research into safe and effective drugs, vaccines, and diagnostics
- ▶ Requests can come from an investigator in academia, a not-for-profit organization, industry, or government in the United States or worldwide
- ▶ Requesters do not have to be NIAID/NIH awardees

- [Tools, Datasets & Services](#)

- [Bioinformatics](#)
- [Biological Materials](#)
- [Translational Research](#)
- [Technology Transfer & Intellectual Property](#)
- [Partnering With NIAID](#)
- [HIV/AIDS Research Resources](#)
- [Allergy, Immunology, Transplantation Research Resources](#)
- [Microbiology and Infectious Diseases Resources](#)

- [Research Rules & Policies](#)

National Cancer Institute Research Resources

The screenshot shows the National Cancer Institute (NCI) website's research resources page. At the top, the NIH logo and 'NATIONAL CANCER INSTITUTE' are displayed. A navigation bar includes links for '1-800-4-CANCER', 'Live Chat', 'Publications', and 'Dictionary'. Below this, a dark navigation menu features 'ABOUT CANCER', 'CANCER TYPES', 'RESEARCH' (highlighted), 'GRANTS & TRAINING', 'NEWS & EVENTS', and 'ABOUT NCI', along with a search bar. The main content area has a breadcrumb 'Home > Research' and social media icons. A teal sidebar on the left lists 'RESEARCH TOOLS, SPECIMENS, AND DATA' with sub-links: 'Conducting Clinical Trials', 'Statistical Tools and Data', 'Terminology Resources' (with a plus sign), 'NCI Data Catalog', and 'Cryo-EM'. The main text area features a section titled 'Research Tools, Specimens, and Data' with a description of NCI's resources. Below this are three sub-sections: 'NCI Formulary' (describing a listing of agents for testing), 'NCI Data Catalog' (providing links to data collections), and 'Behavioral Research Tools' (listing research tools and methodologies).

NIH NATIONAL CANCER INSTITUTE

1-800-4-CANCER Live Chat Publications Dictionary

ABOUT CANCER CANCER TYPES **RESEARCH** GRANTS & TRAINING NEWS & EVENTS ABOUT NCI search

Home > Research

AA [print] [email] [facebook] [twitter] [google+] [pinterest]

RESEARCH TOOLS, SPECIMENS, AND DATA


- Conducting Clinical Trials
- Statistical Tools and Data
- Terminology Resources +
- NCI Data Catalog
- Cryo-EM

Research Tools, Specimens, and Data

NCI offers scientific models, reagents, data sets, and other R&D resources to the research community, as part of our ongoing commitment to cancer investigators to enable and expedite their research.

NCI Formulary

An online listing of approved and investigational targeted agents that can be tested in new preclinical or clinical studies, including combination studies of formulary agents from pharmaceutical and biotechnology company partners.



Credit: iStock

NCI Data Catalog

Links to data collections produced by major NCI initiatives and other widely used data sets.

Behavioral Research Tools

Selected list of research tools, datasets, and methodologies related to behavioral research from the Division of Cancer Control and Population Science.

Reporting Tools

U.S. Department of Health & Human Services

NIH Research Portfolio Online Reporting Tools (RePORT)

HOME | ABOUT RePORT | FAQs | GLOSSARY | CONTACT US

QUICK LINKS RESEARCH ORGANIZATIONS WORKFORCE FUNDING REPORTS LINKS & DATA

The RePORT Expenditures and Results Tool (RePORTER)

Search a repository of NIH-funded research and access publications and patents related to that funding.

Patents
Projects
Publications
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Links
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Subprojects

RePORTER AWARDS BY LOCATION NIH DATA BOOK FUNDING FACTS CATEGORICAL SPENDING REPORT CATALOG SPECIFIC REPORTS

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.

News Updates Explore the data from the 2014 **Physician-Scientist Workforce (PSW) report** produced by the Physician-Scientist Workforce Working Group, a working group of the Advisory Committee to the Director (ACD).
Tuesday, September 23, 2014

Federal RePORTER now available! Search for funding information from several research funders, including NIH, NSF, NASA, EPA, DOD, AHRQ, FDA, CDC, VA, and more.

U.S. Department of Health & Human Services

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RePORT TUTORIALS

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RePORT Tutorials

1. RePORT Home Page
2. NIH Data Book
3. RePORT - Funding Facts
4. RePORT - Awards by Location
5. RePORT - Report Catalog
6. My RePORTER
7. How to use RePORTER when preparing new grant applications
8. Funding Facts
9. Discovering NIH RePORT: Fitting Into NIH's Grant Portfolio
10. Stay informed with MyRePORTER Alerts
11. Adding links to your PI Profile
12. Find funding information for organizations with Awards by Location
13. Using RePORTER to Search Publication Abstracts: Seek and Ye Shall Find (But Maybe We Can Help...)

Research Portfolio Online Reporting Tools (RePORT)

- Free database of funded projects, investigators, publications, and patents.
- Use to identify research areas that are highly supported or underrepresented
- Useful for identifying potential collaborators in your area of science.
- Use to identify awards by location
- Helpful for identifying research not readily available in the U.S.
- Provides frequently requested and customized funding reports
- Includes RePORT tutorials

<https://report.nih.gov/index.aspx>

“Matchmaker”

- The [NIH RePORTER](#) database includes a “Matchmaker” tab. If you enter your specific aims or project summary you will find similar projects that have been funded by the NIH, which institutes funded those projects, which study sections reviewed them, and potential collaborators funded in your subject or geographic area to ask for advice.



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Opportunities & Announcements

Find a Foundation

Stay Informed About
Policy Changes & News

Types of Funding
Opportunities

NIAID Research
Priorities

See Funded Projects

Timelines & Due Dates

Find a Foundation or Other Funding Source

This page lists resources for finding grant funding opportunities outside NIH.

Use these resources to launch your own search. See the [Disclaimer](#) about external links.

To suggest a resource for the list, please email deaweb@niaid.nih.gov.

Free Resources

- [ARVO Funding Guide](#)—list of over 200 funding opportunities for biomedical researchers. Search by keyword or sort by career stage, degree track, opportunity type, or citizenship requirements.
- [CRDF Global](#)—promotes international scientific and technical collaboration through grants, technical resources, training, and services. Go to [Grants and Grantees](#).
- [Foundation Center](#)—[Foundations Directory Online Free](#) includes a free search tool providing public access to essential information on approximately 90,000 foundations. Go to [Search Grantmakers](#).
- [Grants and Funding](#) from Science—another list of places to search for funding.
- [National Science Foundation](#)—funds research and education in most fields of science and engineering. Go to [Find Funding](#).
- [Newton's List](#)—tool for funders and grantseekers interested in collaborative international research and education. Open to basic research funding opportunities related to the natural sciences, engineering/technology, agricultural sciences, or social sciences. Go to [Search for Opportunities](#).
- [proposalCENTRAL](#)—e-grantmaking website shared by government, non-profit, and private grantmaking organizations. Go to [Opportunities](#) to see what's available and [Application System](#) to set up an account.

Websites



Research Funding Opportunities

- U.S. Department of Health and Human Services <http://www.hhs.gov/grants/>
- Grants.gov (grants)
- <http://www.grants.gov/>
- FedBizOps (contracts)
- <https://www.fbo.gov/>
- Grants and Funding:
 - <https://grants.nih.gov/grants/oer.htm> - See the “Information for...” section
 - administrators and researchers find this site very useful.
- How to Apply – Application Guide
 - <https://grants.nih.gov/grants/how-to-apply-application-guide.html>

- Subscribe to NIH Guide LISTSERV:
 - Official publication for Grant Policies, Guidelines and Funding Opportunities
 - <http://grants.nih.gov/grants/guide/listserv.htm>
- NIAID Funding information:
 - Funding News <https://www.niaid.nih.gov/grants-contracts/funding-news>
 - [Opportunities & Announcements](#)
 - Sample Applications <https://www.niaid.nih.gov/grants-contracts/sample-applications>
 - NIAID Grants Policy and Management Training for Foreign Investigators
 - <https://www.niaid.nih.gov/grants-contracts/foreign-grants-management>

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Much Success in Your Research!

Questions?