

# Sharing experiences and tips for writing NIH Research Grant Applications

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# Content Outlines

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NIH Central Resource for Grants and Funding Information

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**FUNDING**

- Find Grant Funding: NIH Guide to Grants and Contracts
- Other Transactions
- Contracts
- Research Training and Career Development
- 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 and some apply specialized eligibility criteria. Look closely at funding opportunities 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:  (e.g., R01, P01, T, K, F, etc.)

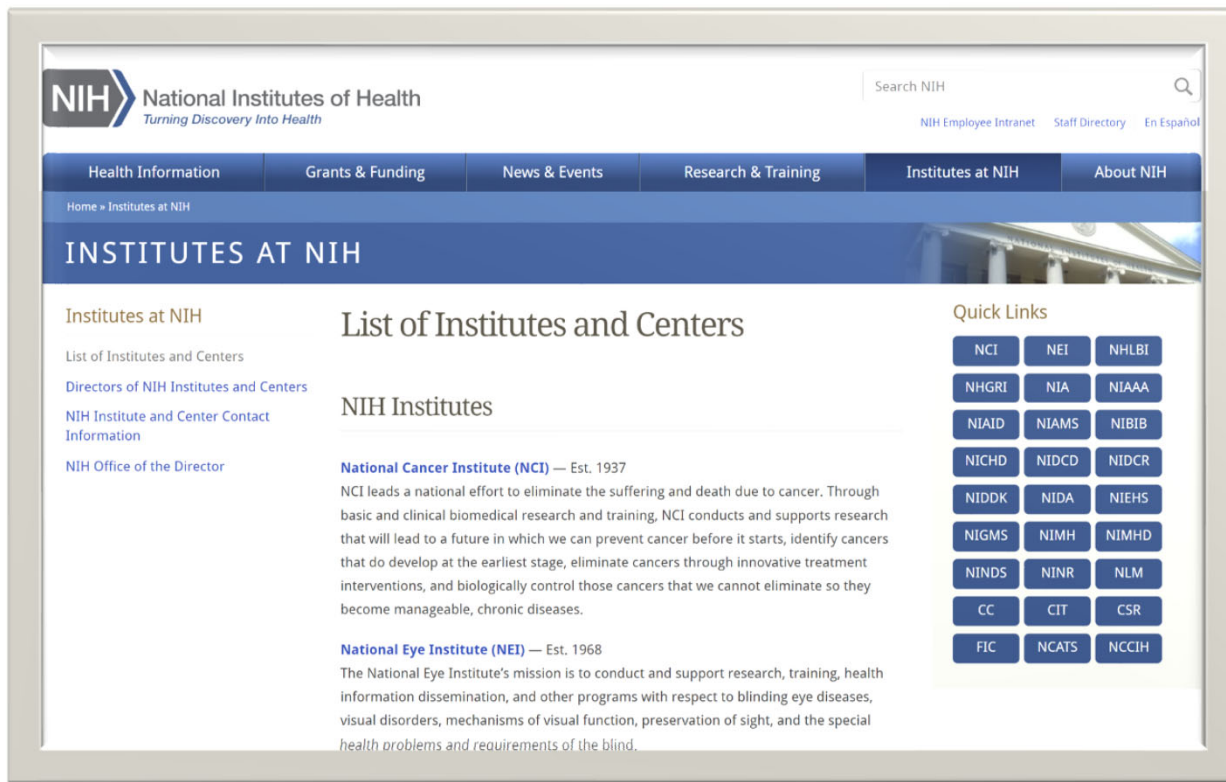
Search All Text:  (e.g., Mentored, Training, etc.)

Select from List:

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)

R01	<p>NIH Research Project Grant Program (R01)</p> <ul style="list-style-type: none"> <li>Used to support a discrete, specified, circumscribed research project.</li> <li>NIH's most commonly used grant program.</li> <li>No specific dollar limit unless specified in funding opportunity.</li> <li>Advance permission required for \$500K or more (direct costs) in any year.</li> <li>Generally awarded for 3-5 years.</li> <li>Utilized by all ICs.</li> <li>See parent announcements: PA-20-183 (Clinical Trial Required), PA-20-184 (Basic Experimental Studies with Humans Required), and PA-20-185 (Clinical Trial Not Allowed).</li> </ul>
R03	<p>NIH Small Grant Program (R03):</p> <ul style="list-style-type: none"> <li>Provides limited funding for a short period of time to support a variety of types of projects, including pilot or feasibility studies, collection of preliminary data, secondary analysis of existing data, small, self-contained research projects, development of new research technology, etc.</li> <li>Generally, limited to two years of funding.</li> <li>Direct costs generally up to \$50,000 per year.</li> <li>Not renewable.</li> <li>Utilized by more than half of the NIH ICs.</li> <li>See parent announcements: PA-20-200.</li> </ul>



**National Institute on Minority Health and Health Disparities (NIMHD)** — Est. 2010  
NIMHD has a long history, beginning in 1990 as an Office and later designated a Center in 2000. The mission of NIMHD is to lead scientific research to improve minority health and eliminate health disparities. To accomplish its mission, NIMHD plans, reviews, coordinates, and evaluates all minority health and health disparities research and activities of the National Institutes of Health; conducts and supports research in minority health and health disparities; promotes and supports the training of a diverse research workforce; translates and disseminates research information; and fosters innovative collaborations and partnerships.

**National Institute of Nursing Research (NINR)** — Est. 1986

The mission of the National Institute of Nursing Research (NINR) is to lead nursing research to solve pressing health challenges and inform practice and policy—optimizing health and advancing health equity into the future.

**National Library of Medicine (NLM)** — Est. 1956

NLM collects, organizes, and makes available biomedical science information to scientists, health professionals, and the public. The Library's Web-based databases, including PubMed/Medline and MedlinePlus, are used extensively around the world. NLM conducts and supports research in biomedical communications; creates information resources for molecular biology, biotechnology, toxicology, and environmental health; and provides grant and contract support for training, medical library resources, and biomedical informatics and communications research.

**National Institute on Aging (NIA)** — Est. 1974

NIA leads a national program of research on the biomedical, social, and behavioral aspects of the aging process; the prevention of age-related diseases and disabilities; and the promotion of a better quality of life for all older Americans.

**Center for Scientific Review (CSR)** — Est. 1946

CSR is the portal for NIH grant applications and their review for scientific merit. CSR oversees and implements peer review for over 75% of the more than 88,000 applications submitted to NIH each year, as well as for some other components of HHS. The mission of CSR is to see that NIH grant applications receive fair, independent, expert, and timely scientific reviews — free from inappropriate influences — so NIH can fund the most promising research.

**Fogarty International Center (FIC)** — Est. 1968

FIC promotes and supports scientific research and training internationally to reduce disparities in global health.

# Vicki Loerzel RN, PhD, FAAN



- Focus: Older adults with cancer
- From R15 to R01
  - Ovarian Cancer Alliance of Florida
  - CON funding
  - American Nurses Association
  - UCF Office of Research
  - Private Funding
  - National Institute of Nursing Research

# Ladda Thiamwong, PhD. RN



## Research of interest/ target populations:

Falls prevention, fear of falling, health aging, low-income older adults, community-based interventions

## From internal to external grants and R03 to R01

09/01/2017-05/31/2022	Co-I	Adaptation of brain and body responded to perturbations during gait in young and older adults PI: Helen J. Huang (CECS).	National Institute of Health (NIA & NINDS)	Extramural (R01)	\$1,494,713 <b>Funded</b>
08/2017-07/2018	PI	Characterizing eye movement as a detector of fear of falling among older adults Mentor: Gregory Welch (CON)	UCF Office of Research and Commercialization (Research Mentoring)	Intramural	\$2,000 <b>Funded</b>
05/2017-04/2018	PI	Development of a fall prevention program for older adults: A pilot study Co-I: Norma E. Conner (CON)	Learning Institute for Elders at the University of Central Florida (LIFE)	Intramural	\$2,650 <b>Funded</b>
05/2017-04/2018	PI	The effects of a balance-training program combined with an educational program on balance performance, muscle strength, fear of falling, and adherence in community-dwelling older adults. Co-Is: Jeffrey Stout (CHIP), Xin Yan (Statistics).	In-House Research Grants, UCF Office of Research and Commercialization	Intramural Advancement of Early Career Researchers (AECR) award	\$7,500 <b>Funded</b>

# What reviewers evaluate:

- Significance/Scientific merit
  - Impact
- Appropriate approach
- Innovation
- Team/Researcher capability
- Supportive environment
  
- Reviewers do not always agree!

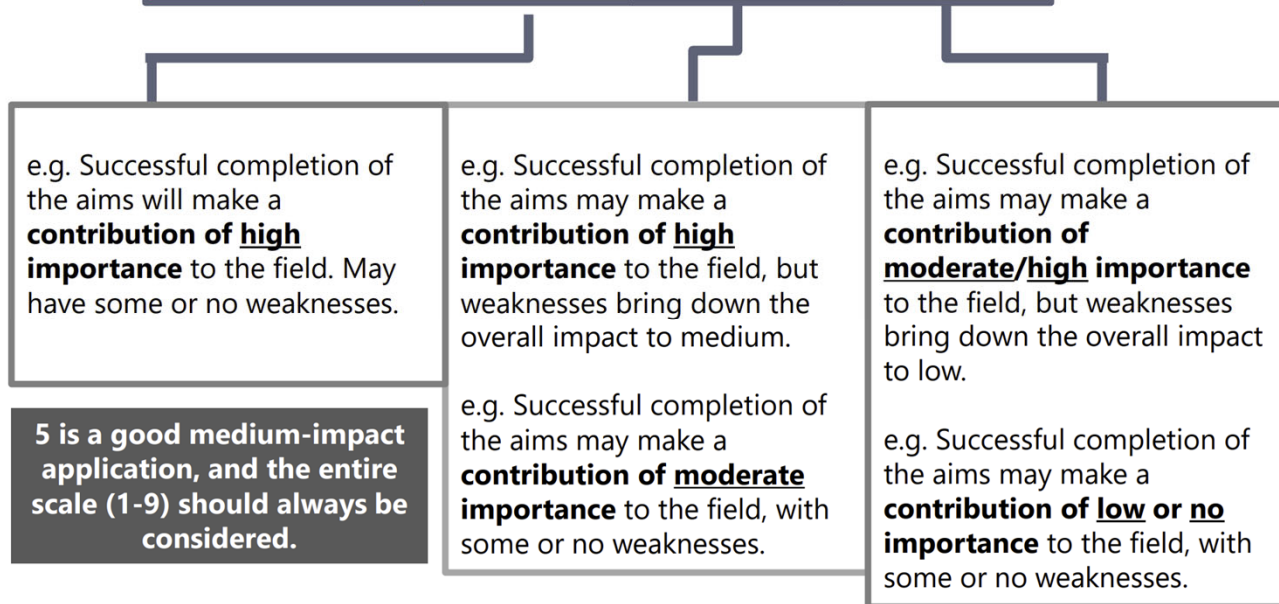
# Overall Impact:

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

## Evaluating Overall Impact:

Consider the 5 criteria: significance, investigator, innovation, approach, environment (weighted based on reviewer's judgment) and other score influences (e.g. human subjects)

Overall Impact	High	Medium	Low
Score	1 2 3	4 5 6	7 8 9



# Where to begin?

- **Request sample grants**
  - College/university colleagues
  - NIH
- Follow a model
  - Use a formula that has worked for other people
- Books/Guides
- NIH
  - Lots of help and resources

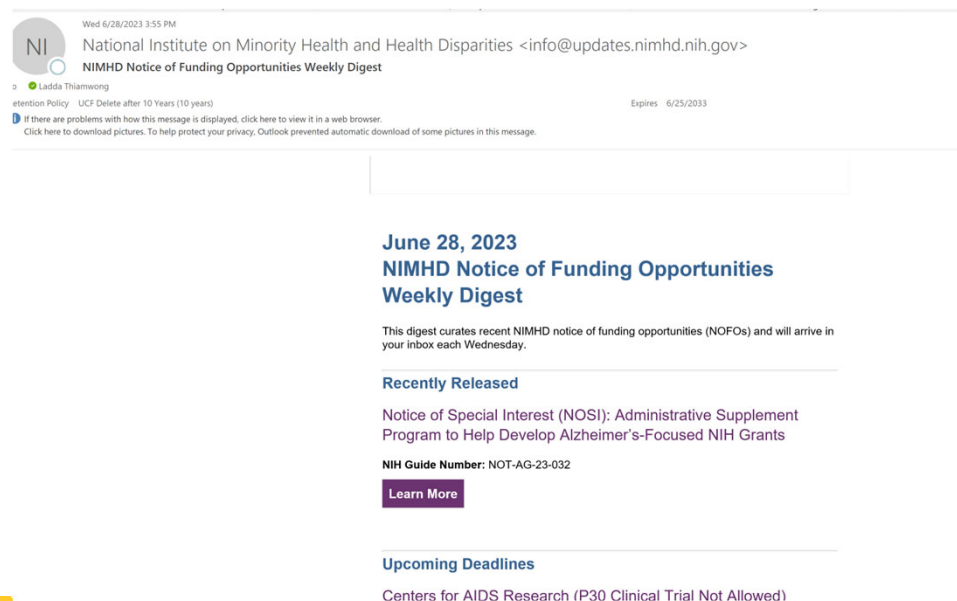


# How do you know if you have a good “fundable” idea?

- Talk to people and ask questions
  - Colleagues, Associate Dean for Research, Mentors, Program Officers
- Funding agency website
  - Look for research priorities
  - NIH REPORTER

# How to find and review NIH funding opportunities (FOAs)?

- NIH Funding Opportunities now available in RSS (Really Simple News Syndication) format - see [https://grants.nih.gov/grants/guide/rss\\_info.htm](https://grants.nih.gov/grants/guide/rss_info.htm) for details.
- To Subscribe from the NIH Guide Weekly TOC LISTSERV, follow the instructions at <https://grants.nih.gov/grants/guide/listserv.htm>
- [Past Weekly Listings](#)



Department of Health and Human Services

Part 1. Overview Information

Participating Organization(s)	National Institutes of Health (NIH)
Components of Participating Organizations	<p>Fogarty International Center (FIC)</p> <p>National Heart, Lung, and Blood Institute (NHLBI)</p> <p>National Institute on Aging (NIA)</p> <p>National Institute on Drug Abuse (NIDA)</p> <p>National Institute of Environmental Health Sciences (NIEHS)</p> <p>National Institute of Mental Health (NIMH)</p> <p>National Institute of Neurological Disorders and Stroke (NINDS)</p> <p>National Institute on Minority Health and Health Disparities (NIMHD)</p> <p>National Cancer Institute (NCI)</p> <p>All applications to this funding opportunity announcement should fall within the mission of the Institutes/Centers. The following NIH Offices may co-fund applications assigned to those Institutes/Centers.</p> <p>Division of Program Coordination, Planning and Strategic Initiatives, Office of Disease Prevention (ODP)</p>
Funding Opportunity Title	Implementation Research on Noncommunicable Disease Risk Factors among Low- and Middle-Income Country and Tribal Populations Living in City Environments (R01 Clinical Trial Optional)
Activity Code	R01 Research Project Grant
Announcement Type	New

Funding Opportunity Announcement (FOA) Number	PAR-23-042
Companion Funding Opportunity	PAR-23-043 (Implementation Research on Noncommunicable Disease Risk Factors among Low- and Middle-Income Country and Tribal Populations Living in City Environments (R61/R33 Clinical Trial Required)), R61/ R33 Phase 1 Exploratory/Developmental Grant/ Exploratory/Developmental Grants Phase II
Number of Applications	See Section III. 3. Additional Information on Eligibility.
Assistance Listing Number(s)	93.989, 93.866, 93.393, 93.837, 93.838, 93.839, 93.840, 93.233, 93.307, 93.113, 93.853, 93.242, 93.279
Funding Opportunity Purpose	<p>The National Institutes of Health (NIH) participating Institutes and Centers (ICs), in collaboration with the Global Alliance for Chronic Diseases (GACD), invite applications for implementation research focused on addressing risk factors for common noncommunicable diseases (NCDs) in World Bank-defined low- and middle-income countries (LMICs) and American Indian/Alaska Native (AI/AN) populations in the United States (US). Air, water, and soil pollution; lack of greenspace; urban heat islands; lack of safe infrastructure for walking, cycling, and active living; lack of access to healthcare facilities, lack of health insurance, and cost of medications; housing condition; and wide availability of tobacco, alcohol, and unhealthy foods and beverages contribute to the NCD epidemic in city environments. In the context of this Funding Opportunity Announcement (FOA), "cities" include urban centers, informal settlements, slums, and periurban areas. This FOA supports applications that propose implementation research to reduce the risks of NCDs in the context of cities in LMICs and/or among AI/AN populations in US cities, with the potential to equip policymakers and practitioners with evidence-based strategies for prevention and/or management of NCDs among disadvantaged populations globally. NIH defines implementation research as the scientific study of the use of strategies to adopt and integrate evidence-based health interventions into clinical and community settings to improve individual outcomes and benefit population health.</p> <p>All applications must be within the scope of the mission of one of the Institutes/Centers listed above (see "Components of Participating Organizations," excluding the Fogarty International Center which manages this program but does not support awards). Applications will be accepted from US and World Bank-defined LMIC institutions only.</p>

Part 2. Full Text of Announcement

Section I. Funding Opportunity Description

Purpose

The National Institutes of Health (NIH) participating Institutes and Centers (ICs), in collaboration with the Global Alliance for Chronic Diseases (GACD), invite applications for implementation research focused on addressing risk factors for common noncommunicable diseases (NCDs) in World Bank-defined low- and middle-income countries (LMICs) and American Indian/Alaska Native (AI/AN) populations in the United States (US). Air, water, and soil pollution; lack of greenspace; urban heat islands; lack of safe infrastructure for walking, cycling, and active living; lack of access to healthcare facilities, lack of health insurance, and cost of medications; housing condition; and wide availability of tobacco, alcohol, and unhealthy foods and beverages contribute to the NCD epidemic in city environments. In the context of this Funding Opportunity Announcement (FOA), "cities" include urban centers, informal settlements, slums, and periurban areas. This FOA supports applications that propose implementation research to reduce the risks of NCDs in the context of cities in LMICs and/or among AI/AN populations in US cities, with the potential to equip policymakers and practitioners with evidence-based strategies for prevention and/or management of NCDs among disadvantaged populations globally. NIH defines implementation research as the scientific study of the use of strategies to adopt and integrate evidence-based health interventions into clinical and community settings to improve individual outcomes and benefit population health.

Applications will be accepted from US and LMIC institutions only. Eligible LMIC institutions are defined by the World Bank at the following link: [datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups](https://datahelpdesk.worldbank.org/knowledgebase/articles/906519-world-bank-country-and-lending-groups)

Introduction

NCDs account for 60% of deaths globally where 8 in 10 deaths caused by NCDs occur in LMICs. While NCDs account for the greatest loss of disability-adjusted life years (DALYs) around the world, research to study prevention and treatment is relatively under-resourced in LMICs and AI/AN communities where the burden is increasing. The GACD was formed in 2010 in response to this concern and supports research and associated training to accelerate and improve prevention and treatment of NCDs in under-resourced environments.

The GACD represents 15 of the world's largest funding agencies, including the NIH, and is the first alliance to specifically address NCDs. Collectively, GACD partner agencies provide over 80% of global public funding for health research and, since 2010, have supported 110 projects in the areas of hypertension, lung diseases, diabetes, mental health, cancer, stroke, and hypertension/diabetes intervention scale-up. GACD has supported 1,200 researchers at 300 institutions in 70 countries through investment of over US \$220 million through its partner agencies. NIH has supported 11 GACD awards across these NCD domains.

This FOA is aligned with the overall GACD initiative to support implementation research, defined as the scientific study of the use of strategies to adopt and integrate evidence-based health interventions into clinical and community settings to improve individual outcomes and benefit population health. Implementation research examines which strategies work, for whom, and under what circumstances to promote the uptake, scale-up and spread of effective interventions. Projects may also address how interventions can be adapted and scaled up in ways that are feasible, acceptable, accessible, sustainable, and equitable in a given national context.

Section V. Application Review Information

1. Criteria

Only the review criteria described below will be considered in the review process. Applications submitted to the NIH in support of the NIH mission are evaluated for scientific and technical merit through the NIH peer review system.

Note: Effective for due dates on or after January 25, 2023, the Data Sharing Plan and Genomic Data Sharing Plan (GDS) will not be evaluated at time of review.

A proposed Clinical Trial application may include study design, methods, and intervention that are not by themselves innovative but address important questions or unmet needs. Additionally, the results of the clinical trial may indicate that further clinical development of the intervention is unwarranted or lead to new avenues of scientific investigation.

Overall Impact

Reviewers will provide an overall impact score to reflect their assessment of the likelihood for the project to exert a sustained, powerful influence on the research field(s) involved, in consideration of the following review criteria and additional review criteria (as applicable for the project proposed).

Scored Review Criteria

Reviewers will consider each of the review criteria below in the determination of scientific merit and give a separate score for each. An application does not need to be strong in all categories to be judged likely to have major scientific impact. For example, a project that by its nature is not innovative may be essential to advance a field.

Significance

Does the project address an important problem or a critical barrier to progress in the field? Is the prior research that serves as the key support for the proposed project rigorous? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field?

In addition, for applications involving clinical trials

Are the scientific rationale and need for a clinical trial to test the proposed hypothesis or intervention well supported by preliminary data, clinical and/or preclinical studies, or information in the literature or knowledge of biological mechanisms? For trials focusing on clinical or public health endpoints, is this clinical trial necessary for testing the safety, efficacy or effectiveness of an intervention that could lead to a change in clinical practice, community behaviors or health care policy? For trials focusing on mechanistic, behavioral, physiological, biochemical, or other biomedical endpoints, is this trial needed to advance scientific understanding?

Specific to this FOA:

- Is there compelling evidence that the implementation research proposed is contextually appropriate for addressing prevention or mitigation of NCDs across the lifespan in the LMIC or AI/AN population in the context of the city environment where the study is to be performed?

Send a specific aims page to PO for feedback

Section VII. Agency Contacts

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

Application Submission Contacts

eRA Service Desk (Questions regarding ASSIST, eRA Commons, application errors and warnings, documenting system problems that threaten issues)

Finding Help Online: <https://www.era.nih.gov/need-help> (preferred method of contact)  
Telephone: 301-402-7469 or 866-504-9552 (Toll Free)

General Grants Information (Questions regarding application instructions, application processes, and NIH grant resources)  
Email: [GrantsInfo@nih.gov](mailto:GrantsInfo@nih.gov) (preferred method of contact)  
Telephone: 301-637-3015

Grants.gov Customer Support (Questions regarding Grants.gov registration and Workspace)  
Contact Center Telephone: 800-518-4726  
Email: [support@grants.gov](mailto:support@grants.gov)

Scientific/Research Contact(s)

Brad Newsome, Ph.D.  
Fogarty International Center (FIC)  
Telephone: 301-480-8389  
Email: [FIC-GACD@mail.nih.gov](mailto:FIC-GACD@mail.nih.gov)

Kathleen Etz  
National Institute on Drug Abuse (NIDA)  
Phone: (301) 402-1749  
E-mail: [ketz@mail.nih.gov](mailto:ketz@mail.nih.gov)

Key Dates

Posted Date	December 07, 2022
Open Date (Earliest Submission Date)	February 09, 2023
Letter of Intent Due Date(s)	30 days before receipt date.


Application Due Dates			Review and Award Cycles		
New	Renewal / Resubmission / Revision (as allowed)	AIDS	Scientific Merit Review	Advisory Council Review	Earliest Start Date
March 09, 2023	Not Applicable	March 09, 2023	July 2023	October 2023	December 2023

All applications are due 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.



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NIH RePORT  
Research Portfolio Online Reporting Tools

RePORTER Quick Search...


Search

The RePORT Expenditures and Results (RePORTER) module allows users to search a repository of NIH-funded research projects and access publications and patents resulting from NIH funding. Enter just about anything in the RePORTER Quick Search box above (text, PI names, project numbers, fiscal year, agency) or launch the Advanced Search to precisely configure searches using separate search fields.


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
RePORTER




Matchmaker



Awards by Location



Categorical Spending



NIH Data Book

## RePORTER

The RePORT Expenditures and Results (RePORTER) module allows users to search a repository of NIH-funded research projects and access publications and patents resulting from NIH funding. Enter just about anything in the RePORTER Quick Search box above (text, PI names, project numbers, fiscal year, agency) or launch the Advanced Search to precisely configure searches using separate search fields.

**RePORTER Home**



Welcome to  
**Research Portfolio Online Reporting Tools  
(RePORT)**

## Spotlight

Explore NIH's comprehensive summary of ongoing COVID-19 research, including funding, clinical trials, and more.

				T Act Project	Year Sub	Principal Investigator(s)/ Project Leader(s)	Organization	Fiscal Year	Admin IC	Funding IC	FY Total Cost by IC	Similar Projects
Filters				1	R13HD112131-01	 <a href="#">ESPELAGE, DOROTHY L</a> 	UNIV OF NORTH CAROLINA CHAPEL HILL	2023	NICHD	NICHD	\$10,000	<a href="#">View</a> 
Active Projects						MS Falls InsightTrack (MS FIT): A personal health library to reduce falls in patients with MS						
Fiscal Years				5	R01LM013396-03	 <a href="#">BOVE, RILEY MARIE BROWNE</a> 	UNIVERSITY OF CALIFORNIA, SAN FRANCISCO	2023	NLM	NLM	\$343,188	<a href="#">View</a> 
Org Names						Subthalamic deep brain stimulation to modulate vestibular heading perception in Parkinson's disease.						
Agencies				5	T01CX002086-03	 <a href="#">SHAIKH, AASEF G</a> 	LOUIS STOKES CLEVELAND VA MEDICAL CENTER	2023	VA			<a href="#">View</a> 
States						Integrated Tele-Behavioral Activation and Fall Prevention for Low-income Homebound Older Adults with Depression						
Countries				5	R01MD009675-09	 <a href="#">CHOI, NAMKEE G</a> 	UNIVERSITY OF TEXAS AT AUSTIN	2023	NIMHD	NIMHD	\$619,012	<a href="#">View</a> 
Principal Investigators				5	R01NR020765-02	 <a href="#">LOSINA, ELENA</a> 	BRIGHAM AND WOMEN'S HOSPITAL	2023	NINR	NINR	\$859,206	<a href="#">View</a> 
						Optimizing a technology-based body and mind intervention to prevent falls and reduce health disparities in low-income populations						
				5	R01MD010025-02	 <a href="#">THIAMWONG, LADDA</a> 	UNIVERSITY OF CENTRAL FLORIDA	2023	NIMHD	NIMHD	\$570,844	<a href="#">View</a> 
						Optimizing a technology-based body and mind intervention to prevent falls and reduce health disparities in low-income populations.						
				3	R01MD010025-02	 <a href="#">THIAMWONG, LADDA</a> 	UNIVERSITY OF CENTRAL FLORIDA	2023	NIMHD	OD	\$356,934	<a href="#">View</a> 
						Mobility in Daily Life and Falls in Parkinson's Disease: Potential for Rehabilitation						
				5	R01HD100383-04	 <a href="#">HORAK, FAY BAHLING</a>   <a href="#">MANCINI, MARTINA</a> 	OREGON HEALTH & SCIENCE UNIVERSITY	2023	NICHD	NICHD	\$524,377	<a href="#">View</a> 

# Writing and writing and writing and rewriting

- Start with easy
  - Methods? Preliminary studies?
- Make an outline
  - What evidence do you need to make your case?
- Get it all out, then cut it down
- Ask colleagues to review sections
- Be creative with tables and figures
- Make hard decisions

# Significance

- Make a strong case for your study (Strong premise)
  - Focus on what your funding organization is interested in!
  - Highlight their priorities
- Gaps in current literature
  - Reviewers may not know, so outline it for them
- Impact to public health
  - Reiterates why your proposed study is important



# Innovation

- Highlight innovation of the topic, intervention etc.
- If there is little innovation
  - Talk about what is new
  - Sell it!



# Approach

- Are the **overall strategy, methodology, and analyses** well-reasoned and appropriate to accomplish the specific aims of the project?
  - Have the investigators included plans to **address weaknesses in the rigor of prior research** that serves as the key support for the proposed project?
  - Have the investigators presented **strategies to ensure a robust and unbiased approach**, as appropriate for the work proposed?
  - Are **potential problems, alternative strategies, and benchmarks** for success presented?
  - If the project is in the early stages of development, will the strategy establish **feasibility** and will particularly risky aspects be managed?
  - Have the investigators presented adequate **plans to address relevant biological variables**, such as sex, for studies in vertebrate animals or human subjects?
- \*See more info. in FOA for applications involving clinical trials.

# Environment

- Highlight how your environment is positioned to help you succeed in the study.
  - Facilities
  - Partnerships
  - Equipment

# Investigators

- Are the PD(s)/PI(s), collaborators, and other researchers **well suited to the project?**
- If Early Stage Investigators or those in the early stages of independent careers, do they **have appropriate experience and training?**
- If established, have they demonstrated an **ongoing record of accomplishments that have advanced their field(s)?**
- If the project is collaborative or multi-PD/PI, do the investigators have complementary and integrated expertise; are their leadership approach, governance and organizational structure appropriate for the project?

# Investigators

- Describe (while minimizing repetition from the individual biosketches) **how the expertise and experience of the investigator team will be leveraged, organized, and managed to meet the objectives of the proposed project.**
- Address the management and coordination of efforts.
- Identify the collaborative process for engagement and involvement of stakeholders to participate fully in all phases of the implementation strategy, including design, deployment, testing, and reporting of results.

# Letters of support If you want it done right...

- DO IT YOURSELF
  - Letters of support
  - Biosketches

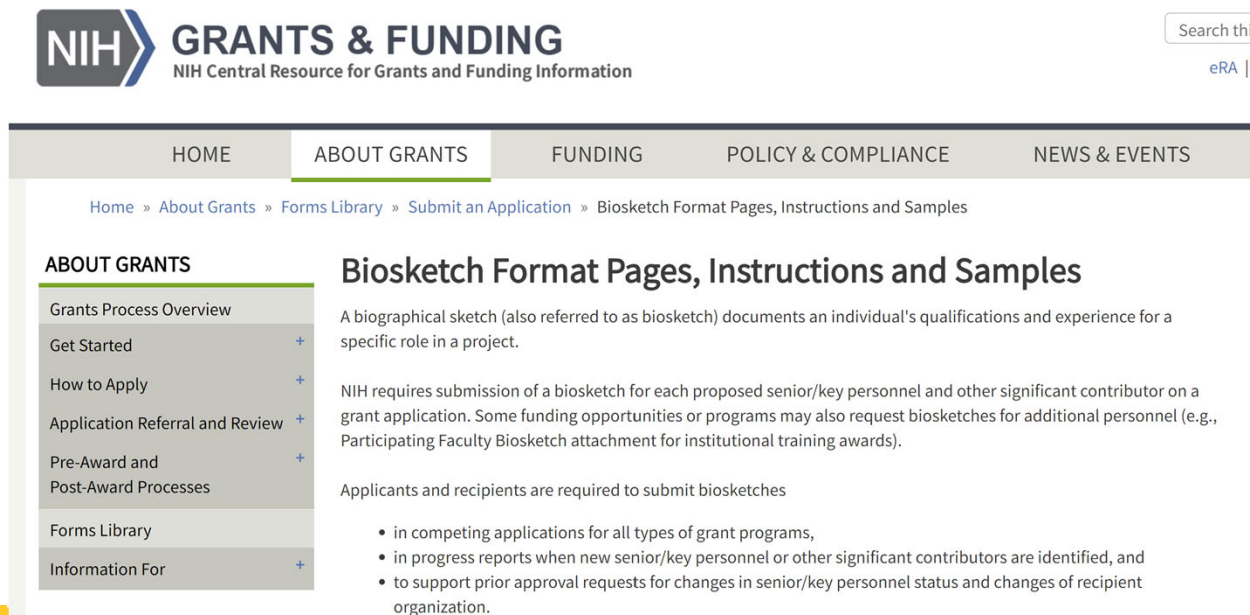
## Letters of Support:

To be considered complete, applications must include letter(s) of support from collaborating partners, and/or other organization(s) indicating their relevant expertise and commitment to participate. Applications without the required letter(s) of support will not be reviewed.

If partial funding is to be provided by sources other than NIH, provide letter(s) of support from the source(s) signed by an authorized representative.

# Biographical sketch

- Check NIH for latest version
- Goal: Highlight yourself and qualifications that position you to be successful on the proposed project!
  - Prepare contributions, experience, prior funding, and publications



The screenshot shows the NIH Grants & Funding website. The header includes the NIH logo and the text "GRANTS & FUNDING NIH Central Resource for Grants and Funding Information". A search bar is located in the top right corner. The navigation menu includes links for HOME, ABOUT GRANTS, FUNDING, POLICY & COMPLIANCE, and NEWS & EVENTS. The "ABOUT GRANTS" section is active, and a breadcrumb trail shows the path: Home » About Grants » Forms Library » Submit an Application » Biosketch Format Pages, Instructions and Samples. The main content area is titled "Biosketch Format Pages, Instructions and Samples" and contains a description of a biographical sketch, a list of requirements for submission, and a list of applications where biosketches are required.

**NIH GRANTS & FUNDING**  
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**ABOUT GRANTS**

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

**Biosketch Format Pages, Instructions and Samples**

A biographical sketch (also referred to as biosketch) documents an individual's qualifications and experience for a specific role in a project.

NIH requires submission of a biosketch for each proposed senior/key personnel and other significant contributor on a grant application. Some funding opportunities or programs may also request biosketches for additional personnel (e.g., Participating Faculty Biosketch attachment for institutional training awards).

Applicants and recipients are required to submit biosketches

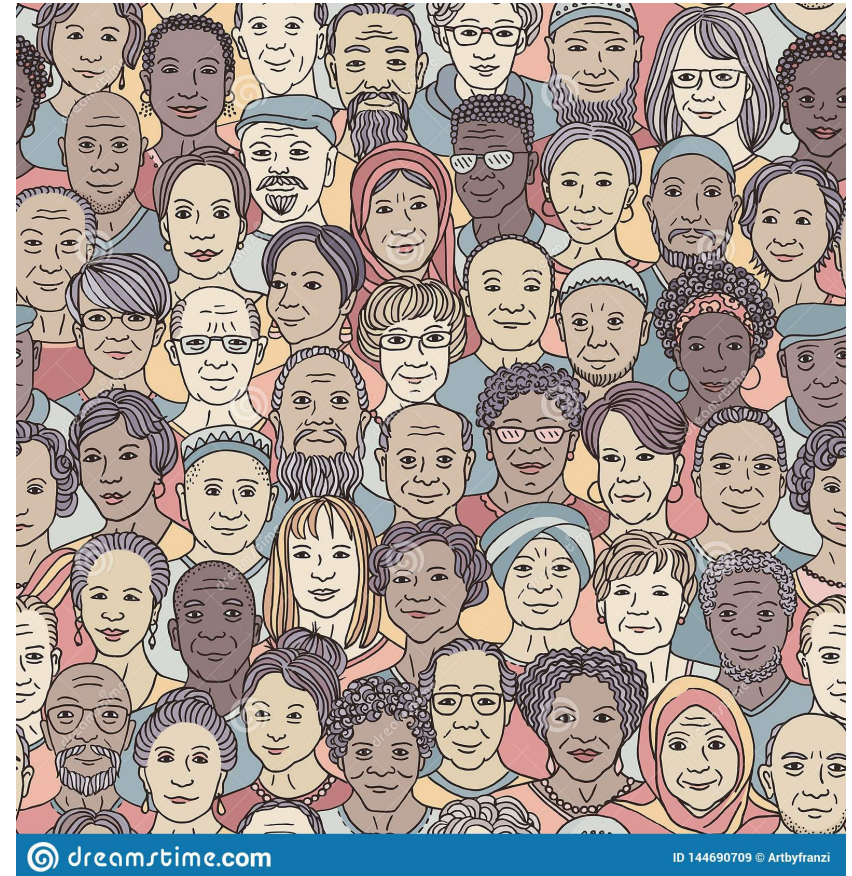
- in competing applications for all types of grant programs,
- in progress reports when new senior/key personnel or other significant contributors are identified, and
- to support prior approval requests for changes in senior/key personnel status and changes of recipient organization.

# Build your team

- Be active in seeking collaborators
  - Conferences
  - Emails
- Really describe in detail what their expertise is and what they will do. Be specific in how you will use their skills
- Everyone needs to fit!
- If they ask for a specific consultant or team member, just give it to them.



**Interdisciplinary Team**



**Diverse older adults**



# Research Team



Nursing, Kinesiology, Neuropsychology, Engineering, and Data Science

# Preliminary and pilot studies

- Do them!
  - even small and unfunded



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<a href="#">F07A</a>	Fellowships: Infectious Diseases and Immunology A	<a href="#">Dr. DeAnna Bublitz</a>
<a href="#">F07B</a>	Fellowships: Infectious Diseases and Immunology B	<a href="#">Dr. Diana Ortiz-Garcia</a>
<a href="#">F09B</a>	Fellowships: Oncological Sciences	<a href="#">Dr. Nywana Sizemore</a>
<a href="#">F16</a>	Fellowships: Risk, Prevention and Health Behavior	<a href="#">Dr. Hoa Vo</a>
<a href="#">F17A</a>	Fellowships: HIV/AIDS Biological	<a href="#">Dr. Anthony Chan</a>
<a href="#">HIBI</a>	HIV/AIDS Intra- and Inter-personal Determinants and Behavioral Interventions Study Section	<a href="#">Dr. Mark Rubert</a>
<a href="#">HIVD</a>	HIV Immunopathogenesis and Vaccine Development Study Section	<a href="#">Dr. Shiv Prasad</a>
<a href="#">HSDO</a>	Human Studies of Diabetes and Obesity	<a href="#">Dr. Hui Chen</a>

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ART Home >> SRG

☐ Animal Usage?

Enter application text and hit the Submit button to get a list of relevant study sections in two groups, "Strong" and "Possible". Within a group, study sections are listed alphabetically by the SRG acronym

Title

Optional but strongly recommended, as title concepts receive full weight in the models

SampleClear

Enter your application text here. Entering both Abstract and Specific Aims is recommended. Section subheaders and delimiters (e.g. 'Abstract') will be ignored. At least 10 scientific concepts from the RCDC Thesaurus must be detected for ART to submit your job.

Terms will be weighted by frequency of appearance in the text above. The process is automated and confidential. ART does not track or store submitted text. For more information consult the [User Guide](#).

Submit

# Outside reviewers

- Ask the experts
- Can be paid to review
- Get this out 2 months before its due to be submitted, give them specific directions
- Pick and choose what you need to change
  - Whim versus consensus

# Responding to rejection of grant proposals

## Thinking/train your mind

-Ask yourself:

*Does this matter?*

*-Consider the negative input as "DATA"*

## Action plan /manage your schedule/time

-Look at the big picture \*How your actions can affect the overall success of your research trajectory and career development

(polishes your skillset towards improvement)?

-Learning by example

\* CV(s)

\* R01, R03, R34, etc.

\*Research methods, approach section

## Outcomes

Kill two (or four) birds with **one stone**.

Birds:

1. grant proposals,
2. publications,
3. promotion/tenure,
4. target population

# Questions?

