

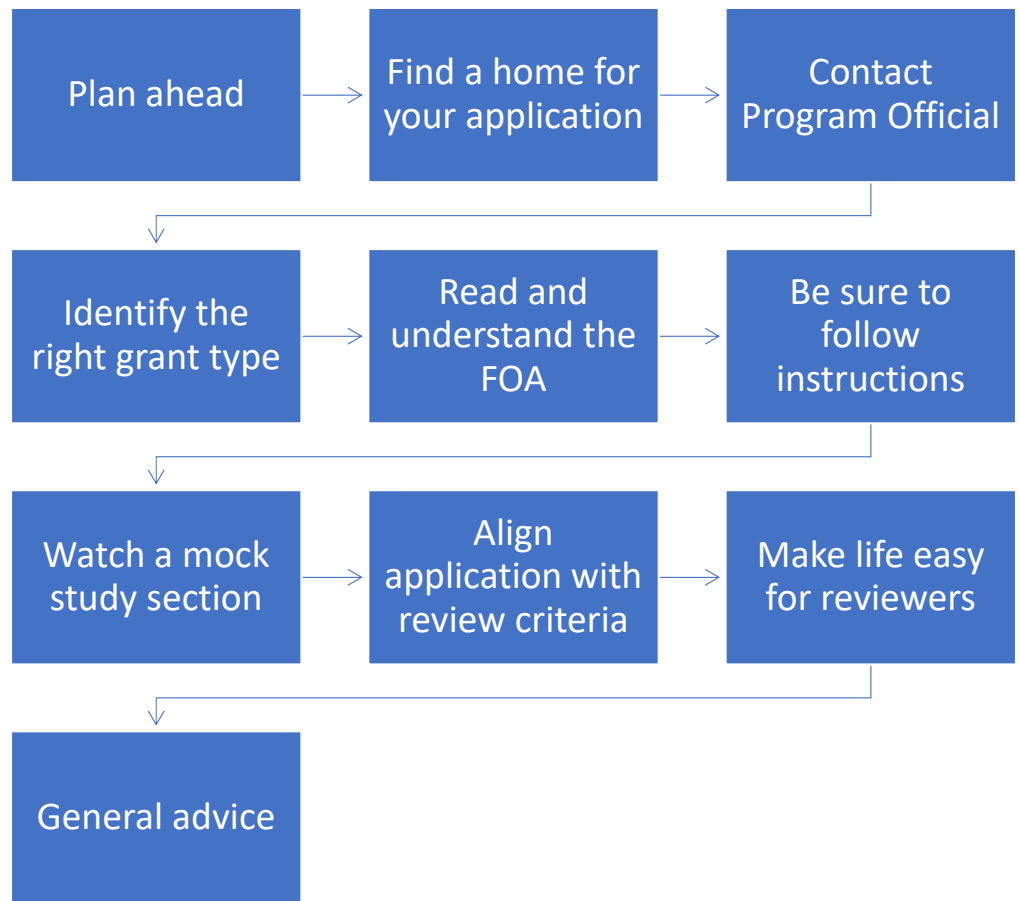
GRANT WRITING FOR SUCCESS

Mordecai Tayebwa



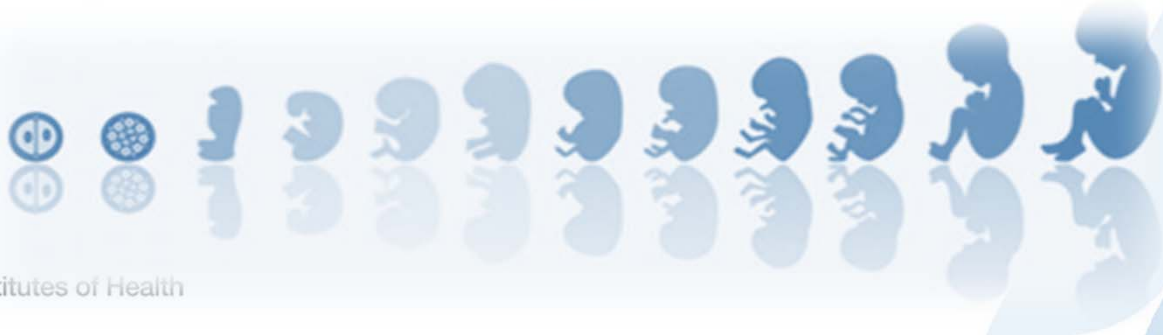
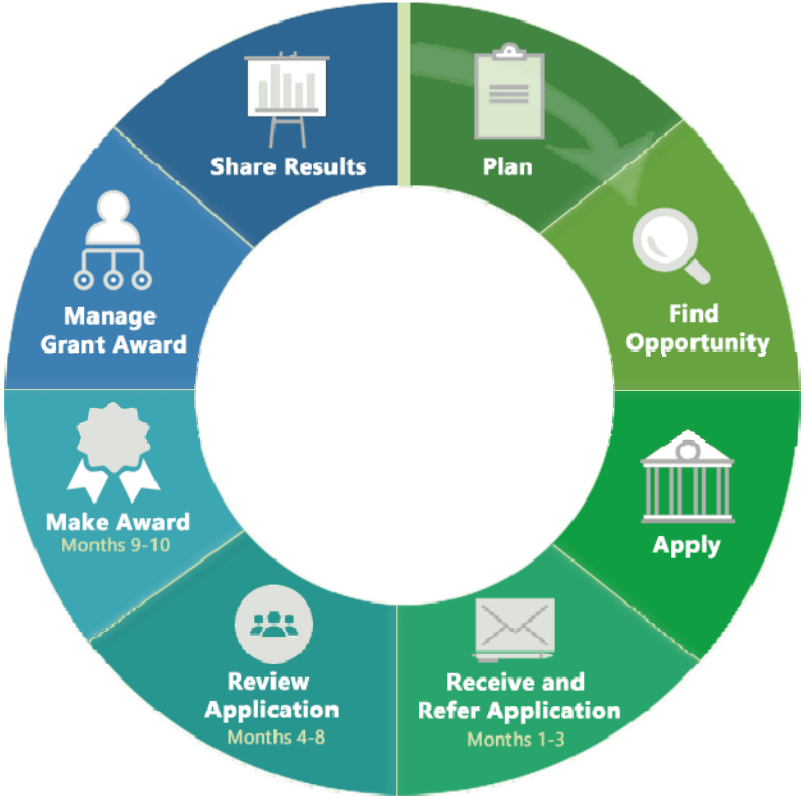
National Institutes of Health

TIPS OVERVIEW



THE GRANT LIFE CYCLE

START PLANNING EARLY



NIH National Institutes of Health

FIND A HOME

- Matchmaker tool in NIH RePORTER
- Browse strategic plans, portfolio areas, research priorities
- Use NIH Guide to identify relevant Funding Opportunity Announcements (FOAs)



<https://reporter.nih.gov/matchmaker>
<https://grants.nih.gov/funding/searchguide/index.html#/>

REPORTER.NIH.GOV

The screenshot shows the NIH RePORTER website interface. At the top, there is a navigation bar with the NIH logo, 'RePORT' and 'RePORTER' text, and links for 'FAQs', 'API', and 'Sign In'. Below the navigation bar is a 'Quick Search' section with a search input field and a 'Search' button. A welcome message states: 'Welcome to the new NIH RePORTER. Rebuilt from the ground up, leveraging the latest technologies, to bring you an enhanced experience. Faster performance, mobile ready, and an intuitive, all-new Quick Search brings the power of NIH RePORTER to your fingertips.' Below this are two large panels: 'Active Funding by State' and 'Active Projects by Institute/Center', both with loading indicators. The 'Advanced Projects Search' section includes fields for 'Fiscal Year' (set to 'Active Projects', 'Current FY is 2021'), 'Agency/Institute/Center', 'Principal Investigator (PI)', 'Project Number/Application ID', and 'Organization'. There are 'Reset' and 'Search' buttons. To the right, the 'Matchmaker' section offers to find potential Program Officials, ICs, and review panels, with a 'Get Started' button. Below that is the 'Publications Search' section.



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FINDING CONTACTS

reporter.nih.gov/matchmaker

Quick Search

Search RePORTER Search

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

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

Guided Tour Feedback

Active Funding by State
Select a state to view projects

Unable to load map data
Error retrieving data, please try again in a few minutes

Active Projects by Institute/Center
Select a bar to view projects for an Institute/Center

Unable to load chart data
Error retrieving data, please try again in a few minutes

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

Get Started >

Publications Search
Find publications associated with extramural or Intramural funded projects using PubMed IDs (PMID) or PubMed Central IDs (PMC ID).

Get Started >

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

15,000 characters left

Similar Projects
 Similar Program Officials

Reset Search



CONTACT YOUR PROGRAM OFFICER

(PO, PD, Program Official, Program Director)

Early



E-mail!



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WHAT TO DISCUSS WITH PROGRAM OFFICER?

- Your idea - provide specific aims page
- Fit/Priority for Institute or Center (IC)
- Grant Type and Funding Opportunity Announcements (FOAs)



IDENTIFY THE RIGHT GRANT TYPE

Graduate/Medical Student

Dissertation Grant: R36

NRSA Fellowships: F30, F31

Institutional Training Grant: T32

Research Residency (MDs): R25

Diversity Supplements

Early Career Faculty

K-Awards: K01, K08, K23

Research Education Grant: R25

Research Project grants: R01, R21, R03

Diversity Supplements

Loan Repayment Program

Post-Doctoral Fellow

NRSA Fellowship: F32

K-Awards: K99/R00

Institutional Training Grant: T32

Research Education Grant: R25

Diversity Supplements

Loan Repayment Program



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EARLY STAGE INVESTIGATOR (ESI)

- Designation matters for R01 applications
- ESI = never awarded an R01; within 10 years of terminal degree
- Applications reviewed together
- Funding preference
- Extensions - childbirth, disability, family care responsibilities, natural disasters, active-duty military, etc.

<https://grants.nih.gov/policy/early-stage/index.htm>



National Institutes of Health

How to Apply - Application Guide

[GRANTS.NIH.GOV/GRANTS/HOW-TO-APPLY-APPLICATION-GUIDE.HTML](https://grants.nih.gov/grants/how-to-apply-application-guide.html)

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 Opportunities](#)
- [Types of Applications](#)
- [Submission Options](#)
- [Obtain Software](#)

Write Application

- [Write Your Application](#)
- [How to Find Forms](#)
- [Develop Your Budget](#)
- [Format Attachments](#)
- [Rules for Text Fields](#)
- [Page Limits](#)
- [Data Tables](#)
- [Reference Letters](#)
- [Biosketches](#)

Submit

- [Submit, Track, and View](#)
- [How We Check for Completeness](#)
- [Changed/Corrected Applications](#)
- [Standard Due Dates](#)
- [Submission Policies](#)
- [Dealing with System Issues](#)



[FAQs](#)



IN THE GUIDE

Funding

NIH offers funding for many types of grants, contracts, and even programs that help repay loans for researchers. Learn about these programs, as well as about NIH's budget process, grant funding strategies, and policies, and more.



Find Funding

(NIH Guide to Grants and Contracts)

The NIH Guide for Grants and Contracts is our official publication for NIH grant policies, guidelines and funding opportunities. We publish daily, and issue a table of contents weekly. [Learn more](#) about the NIH Guide and [subscribe today!](#)

[View all Parent Announcements](#)
(for unsolicited applications)

Search for funding opportunities and notices

Funding Opportunity Announcements (FOA)s

- Request For Applications (RFA)
- Program Announcement (PA), PAR, PAS
 - R is for special receipt date or review process
 - S is for set-aside funds
- Activity Code - R01, R03, R15, R21 etc



READ AND UNDERSTAND THE FOA

Department of Health and Human Services

Part 1. Overview Information

Participating Organization(s)

National Institutes of Health (NIH)

Components of Participating Organizations

NATIONAL INSTITUTES OF HEALTH (NIH)

National Eye Institute (NEI)

National Heart, Lung, and Blood Institute (NHLBI)

National Human Genome Research Institute (NHGRI)

National Institute on Aging (NIA)

National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Table of Contents

Part 1. Overview Information

Key Dates

Part 2. Full Text of Announcement

Section I. Funding Opportunity Description

Section II. Award Information

Section III. Eligibility Information

Section IV. Application and Submission Information

Section V. Application Review Information

Section VI. Award Administration Information

Section VII. Agency Contacts

Section VIII. Other Information

Participating ICs,
purpose, review criteri
responsiveness



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FOLLOW INSTRUCTIONS



The screenshot shows a navigation menu with the following items: HOME, ABOUT GRANTS (highlighted in green), FUNDING, POLICY & COMPLIANCE, NEWS & EVENTS, and ABOUT OER. Below the menu is a table titled "Filtered Application Instructions" with the following rows:

Filtered Application Instructions			
R	Research Instructions	Guidance for research only	PDF
K	Career Development Instructions	Guidance for career development only	PDF
T	Training Instructions	Guidance for training only	PDF
F	Fellowship Instructions	Guidance for fellowship only	PDF
M	Multi-Project Instructions	Guidance for multi-project only	PDF
B	SBIR/STTR Instructions	Guidance for small business only	PDF

<https://grants.nih.gov/grants/how-to-apply-application-guide.html>



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WATCH A MOCK STUDY SECTION



KEITH YAMAMOTO, CHAIR
UNIVERSITY OF CALIFORNIA SAN FRANCISCO
EXECUTIVE VICE DEAN, SCHOOL OF MEDICINE

<https://www.youtube.com/watch?v=fBDxI6I4dOA>



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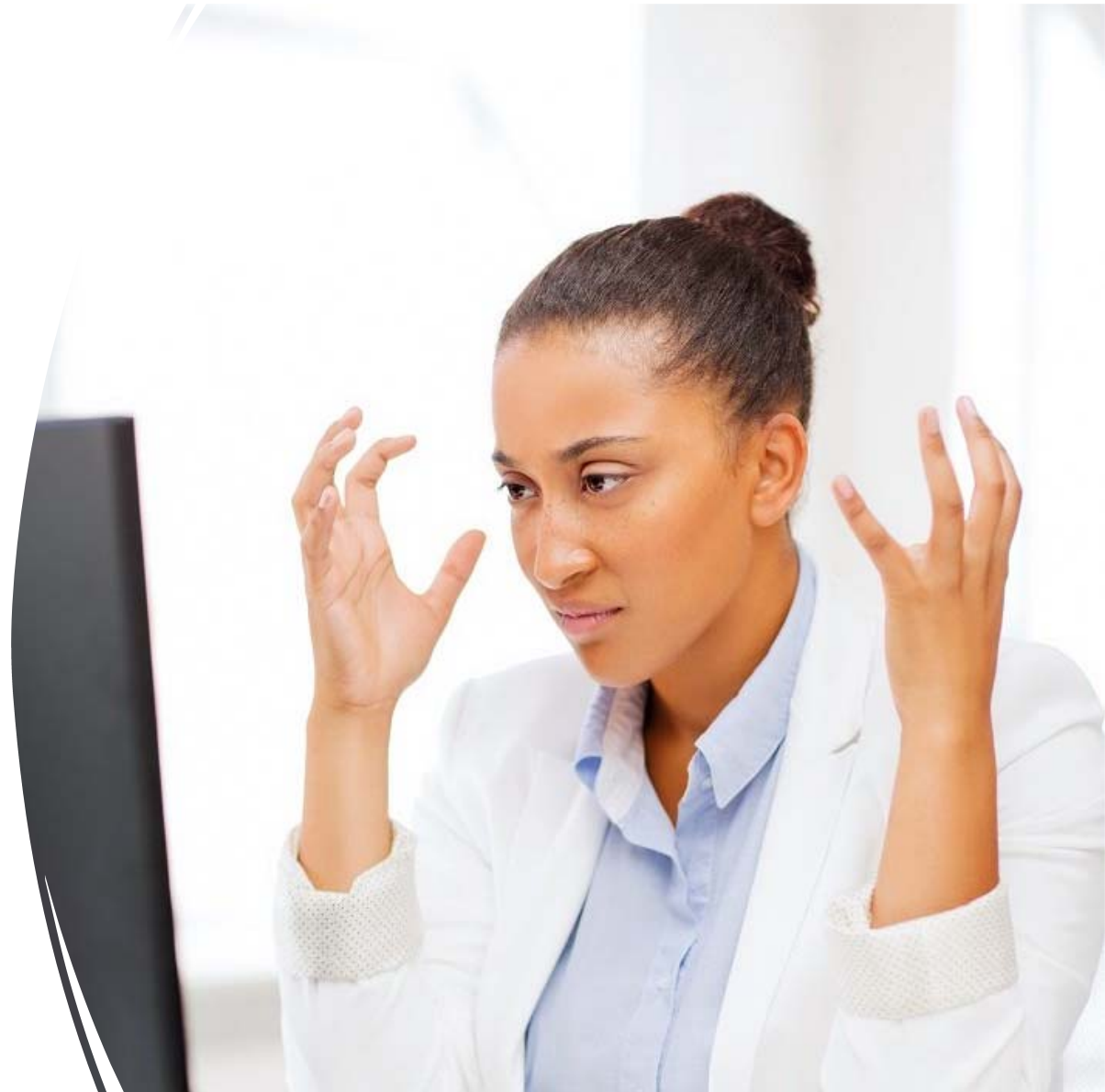
ALIGN APPLICATION WITH REVIEW CRITERIA

- Significance
- Career Development Plan
- Investigator
- Innovation
- Approach
- Environment



MAKE LIFE EASY FOR REVIEWERS

- Leave white space
- Guide the reviewers with graphics, bold, italics
- Make sure figures & legends are readable
- Write clearly and concisely
- Edit & proofread
- Write for both experts & non-experts in your field



GENERAL ADVICE

- Study successful grant applications
- Share drafts with anyone who will read them
- Be prepared to rework your ideas
- Rationale for methodological choices
- Plausibility versus feasibility
- Don't overlook statistics
- Keep up on publications
- Be realistic
- Be explicit

Persist!



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BETTER SCORED GRANTS

- Clear significance, important problem, high impact
- High degree of novelty and innovation
- Demonstrated track record of a well-qualified applicant
- Clear rationale
- Relevant, supportive preliminary data
- Clear approach that will provide unambiguous results
- Careful attention to detail - spelling, grammar, error bars etc.

WORSE SCORED GRANTS

- Low impact, descriptive, incremental projects
- Too ambitious, lacking focus, too many unrelated aims, aim dependence
- Unclear hypothesis or rationale
- Lack of appropriate expertise
- Approach flawed with no discussion of pitfalls or alternative approaches
- Questionable feasibility

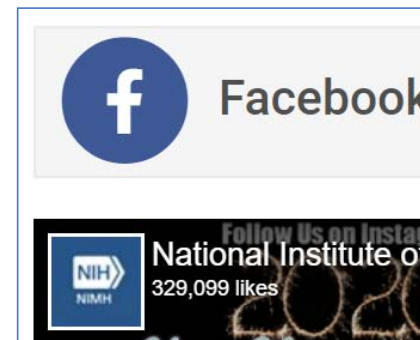
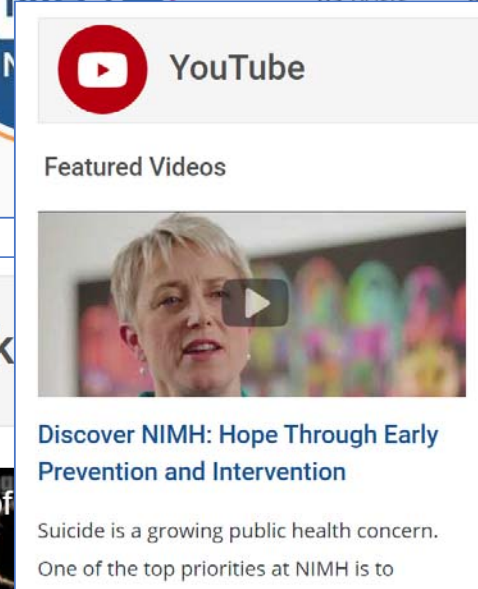
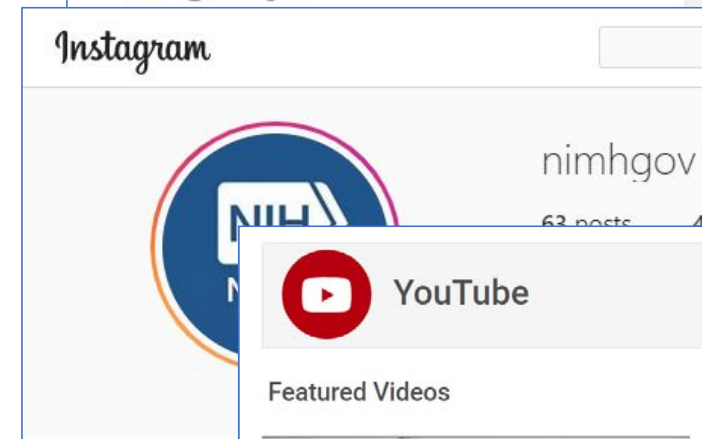
REVISING AND RESUBMITTING

- Talk with Program Officer
- Opportunity to improve the application
- Acknowledge and accept the help of reviewers
- Write clear introduction section
- Address criticisms thoroughly
- Respond constructively and respectfully



STAY INFORMED

- NIH Guide Listserv - updates on notices for grant policies, guidelines, and FOAs
<http://grants.nih.gov/grants/guide/listserv.htm>
- Open Mike - A biweekly blog written by NIH's Deputy Director for Extramural Research
<https://nexus.od.nih.gov/all/category/blog/open-mike/>
- COVID-19 Information The latest guidance and information
<https://grants.nih.gov/policy/natural-disasters/corona-virus.htm>



QUESTIONS?

Thank
You!



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