Grant Writing for Success

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Today’s Theme

- NIH Overview
- Career Path and Funding Mechanisms
- Multiple Training Opportunities
- Scientific Review Process
- Tips for Submitting a Successful NIH Application
  - Ks and Rs
- Information and Internet Resources
Welcome to Bethesda!
National Institute of Health (NIH)
- World's largest source of funding for biomedical research
- Support more than 300,000 research personnel at over 3,000 universities and research institutions
- 27 Institutes and Centers (ICs) with specific research agendas
Types of Funding Opportunity Announcements (FOAs)

Request for Applications (RFA)
- Specific scientific topics with set aside funds
- Special receipt date, usually one-time call
- May have special eligibility or format requirements

Program Announcements (PA)
- Usually broad research areas
- Trans-NIH: topic of IC interest
- PA-no set-aside funds. Reviewed at CSR and paid by IC “payline”
- PAR-review by Special Emphasis Panel (SEP). No set-aside money and paid by IC “payline”
- PAS-set-aside funds, may be reviewed by SEP
- Standard or special receipt dates
Training Grants

Fellowships

Career Development Awards

Research Grants
Training Grants
- Multi-slot awards used to support research training activities for several individuals

Fellowships Awards: pre and post doctoral
- Awards for graduate students working on a doctoral degree and researchers who have just earned their doctorates (postdocs)

Career Development Awards
- Awards that provide protected time for individuals to further develop their research expertise

R Mechanisms: R03, R21 and R01

http://grants.nih.gov/training/nrsa.htm
Career Tracks and NIAID/NIH Funding
Advice for Mapping Your Career With NIH

- Review Institute/Center (IC) priorities and goals. Each IC has a research training and career development program.
- Learn the NIH application and review process.
- Identify the grant programs offered by each IC.
- Make early contact with program officers.
- Find innovative, well-respected mentors and collaborators.
- Study successful grant applications.
- Talk to your mentor.
- Propose your best and most creative ideas.

Application Process:

- "It's not that I'm so smart, it's just that I stay with problems longer." ~Albert Einstein

Career Path for a Ph.D. (or equivalent)

Graduate student

Ph.D.

Faculty Position

Independent PI

Diversity Supplements

T32- Institutional training grant (NRSA)-has pre-& postdoc slots
F30 and F31- Individual predoc fellowship (NRSA)
(some ICs only support Diversity F30/31s)
F32- Individual postdoc fellowship (NRSA)
F33- Sr. postdoc fellowship (NRSA)
R03- Small Grant
R21- Exploratory/Developmental Research Grant
R01- Research grant

K02- Independent Scientist Award
K22- Research Scholar Development Award
K99/R00- Pathway to Independence Award
R37- Merit award
P01- Program Project Grant
U01- Cooperative Agreement
Career Path for an M.D. (or equivalent)

Medical Student

M.D.

Clinical Training

Faculty Position

Independent PI

Diversity Supplements

T35- Short-term Training Grant for Health Professional Students
F33- Sr. Postdoctoral Fellowship (NRSA)
K08- Mentored Clinical Scientist Development Award
K23- Mentored Patient-Oriented Research Career Development Award
K24- Mid-Career Investigator in Patient-Oriented Research
K07, K12- IC specific
Plus all mechanisms from Ph.D. track
F30 and F31 Predoctoral Fellowships

Overview
- Support Predoctoral Fellows during graduate (possibly medical) training.
- F30 (MD/PhD or dual degree) may support up to 6 years of training.
- F31 is limited to 5 years total, including other training supports.
- Promising doctoral candidates who will be performing dissertation research.
- Some Institutes and Centers only support Diversity F31s (NIAID supports both).
- Fellows may not change the scope, move fellowship, or change mentor without prior NIH approval!

Program Features
- **Stipend**
  - $22,476 (FY 2014)
- **Tuition/Fees**
  - 60% of requested tuition, capped at $16,000 ($21,000 for MD/PhD programs)
- **Institutional Allowance**
  - $4,200
  - Includes health insurance
- **Travel Allowance**
  - Up to $1,000
Overview

- Support Postdoctoral research training.
- Promising fellows with the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of NIH Institutes & Centers.
- NRSA support for up to 3 years total. Awardees incur two years of payback.
  - Repay the 1st year by staying in research a 2nd year
- Fellows may not change the scope, move fellowship, or switch mentor without prior NIH approval!

Program Features

- **Stipends**
  - FY 2014: $42,000 (Level-0) to $55,272 (Level-7)
- **Tuition/Fees**
  - 60% of requested tuition, capped at $4,500 ($16,000 for those seeking another doctoral degree)
- **Institutional Allowance**
  - $7,850
  - Includes health insurance
- **Travel Allowance**
  - Up to $1,000
In general, NIH career development awards fall into two major categories:

- **Mentored:** candidate works with an established investigator(s)
  - K01, K08, K22 (not for NIAID), K23, K25, K99/R00

- **Independent:** candidate has attained research independence, but seeks a period of protected time to obtain experience in a new research area, to mentor others, or to develop new educational curricula
  - K02 (NIAID does not support), K22 (NIAID), K24 (mid-career Investigator award)

*Read the Eligibility Section of the Funding Opportunity Announcements (FOAs) carefully for each IC!*
Overview: which I should apply for?

- **K08**: Supports individuals with a clinical doctoral degree for a period of intensive, supervised research career development experience in the fields of biomedical and behavioral research, including translational research.

- **K23**: Supports career development of investigators who have made a commitment to patient-oriented research.

- Majority of awardees are MDs and MD/PhDs.

- Application must NOT propose free-standing clinical trials or studies (for all Ks)

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Program Features

- **Duration**: 3 to 5 years

- **Salary Support**: Up to legislative cap (varies by Institute/Center) – Most common salary cap is $90,000

- **Research Support**: up to $50,000/year (varies by Institute/Center)

- **Review of Applications**: same for both mechanisms

**Note**: See Funding Opportunity Announcement for Institute and Center contacts and policies
Overview
- Facilitates the transition of investigators from the mentored stage of career development to the independent stage.
- Typically, transition award for Postdocs moving to assistant professor positions.

Two Phases (mentored and/or independent):
- **Mentored Phase:** Some IC’s require NIH Intramural experience
- **Non-mentored Phase:** Assistant Professor with own lab and little to no teaching and administrative responsibilities.
- US citizenship/green card required

Program Features
- **Eligibility:** up to 4 years after degree
- **Duration:** 2 years mentored (Intramural), followed by 3 years independent
- **Salary Support during Phase II:** up to $100K (varies by Institute/Center)
  - None during Intramural phase
- **Research Support:** up to $50,000/year (varies by Institute/Center)
  - None during Intramural phase

Note: See Funding Opportunity Announcement for Institute and Center contacts and policies
Overview

- **Eligibility:** up to 4 years after degree
- To facilitate a timely transition from a mentored postdoctoral research position to an independent Assistant Professor position (tenure track or equivalent)
- Supported by almost all ICs with variations
- No citizenship/green card requirement

Program Features

- **K99 Phase**
  - Mentored Phase: Up to 2 years
  - Salary Support: Up to $90,000/year (most Institutes & Centers provide more funds)

- **R00 Phase**
  - Independent Phase: Up to 3 years; 75% effort
  - Research Support: $249,000/year

**Note:** See Funding Opportunity Announcement for Institute and Center contacts and policies
Should I apply for NIAID K22 or K99/R00?

**NIAID Research Scholar Development Award (K22)**
- Transition award (postdoc-to-assistant professor)
- 2 year award
- **Phase 1 (not mentored phase):** Fundable score, one year to find a position as assistant professor
- **Phase 2:**
  - Assistant Professor position
  - Own lab space
  - Significant start-up funds
  - Little teaching/no administrative responsibilities
- $150K (Year 1) + $100K (Year 2)
- Success rate: >25%

**NIAID’s Pathway to Independence Award (K99/R00)**
- Transition award (postdoc-to-assistant professor)
- 4 year award (other ICs 5yrs)
- 2 yr mentored phase ($90K/yr)
- Awardee becomes assistant professor (internal approval similar to K22 phase 2)
- 2 yr independent R00 phase ($249K/yr TC)
- No US citizenship required
- Success rate: very low (6-7 awards per year)
Buried in student loans?

LRP to the rescue!
**Goal:** The NIH Loan Repayment Programs supports M.D.s and other doctoral-level professionals pursue research careers by repaying qualifying educational debt. NIH may repay up to $35,000 of your qualified student loan debt per year. Loan repayment benefits are in addition to the institutional salary you receive for your research.

- Clinical Research
- Pediatric Research
- Health Disparities Research
- Contraception and Infertility Research
- Clinical Research LRP for Individuals from Disadvantaged Backgrounds


**Recorded overview webinar from the LRP Office:** [http://go.usa.gov/aHx](http://go.usa.gov/aHx)
What Determines Which Grants Are funded?

- Scientific merit
- Program considerations
- Availability of funds
Peer Review Process
Understanding the Grant Process

Program Staff

Collaborators

Researcher

Idea

Institution

Funding Opportunity Announcement

Grant Application (R01, R03, R21, K01, K08, etc.)

CSR Referral and Review

National Advisory Council

Revision

Program Staff

Researcher

Idea

Institution

Funding Opportunity Announcement

Grant Application (R01, R03, R21, K01, K08, etc.)

CSR Referral and Review

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Grant Application (R01, R03, R21, K01, K08, etc.)

CSR Referral and Review

National Advisory Council

Revision

Program Staff
Initial peer review meetings are administered by either the Center for Scientific Review (CSR) or another NIH IC.

Focus of review is specified in the Funding Opportunity Announcement (FOA).

- Ks and Ts are reviewed by Standing Panel members at NIAID.

Peer review meetings are announced in the Federal Register: [http://www.gpoaccess.gov/fr/index.html](http://www.gpoaccess.gov/fr/index.html)

Meetings are closed to the public, although some meetings may have an open session.

- Federal Register provides the details of each meeting.
The NIH Extramural Team

Program Officer
- Provide scientific stewardship and serves as an advocate for investigators
- Identify areas of scientific priority
- Discuss options with you after review
- Make funding recommendations
- Manage research grants after they are awarded

Grants Management Staff
- Monitor grant award, renewals, and closing
- Negotiate and coordinate with university business officials
- Ensure compliance with NIH policy
- Ensure financial accountability

Scientific Review Officer
- Listed as Peer Review Point of Contacts in the FOAs
- Selects review panel members and assign applications to reviewers
- Organize and run peer review meetings
- Provide feedback via the summary statement
Tips for Submitting a Successful NIH Application

What to DO

and

What Not to DO
Advice for Mapping Your Career with NIH

- **Review** Institute/Center (IC) priorities and goals
  - Each IC has a research training and career development program

- **Learn** the NIH application and review process

- **Identify** the grant programs offered by each IC

- **Make** early contact with program officers

- **Find** innovative, well-respected mentors and collaborators
Advice for Mapping Your Career with NIH (cont.)

- **Study** successful grant applications - talk to your mentor and seek advice from colleagues

- **Propose** your best and most creative ideas and research about which you are passionate and totally committed

- **Follow instructions** carefully and remember review criteria

- **Apply** (and then Persevere)
Review Criteria for Ks

- Candidate
- Career Development Plan/Career Goals & Objectives
- Research Plan
- Mentor(s), Co-mentor(s), consultant(s), collaborator(s)
- Environment and Institutional Commitment
What are Reviewers looking in Career Development (K) Applications

Candidate

- Strong track record
- Publication record/productivity and quality papers
- Focus based on career track record
- Appropriate integration of the propose research with the CDP
- Didactic training relevant to the proposed research
- Prior funding record, e.g. scholarships, fellowships or other funding sources
- Letters of references (generic letters are not stellar)
Career development plan (CDP)

- CDP customized to launch an independent career rather than generic
- Career goals clear; not vague/generic; specific metrics/milestone proposed
- Activities proposed in CDP should NOT be overambitious (broad in scope)
- Appropriate integration of the proposed research with the CDP
What are Reviewers looking in Career Development (K) Applications (cont.)

Research Plan

- Research plan is a key component for a successful K grant application, but it is not the only component
  - Overall Impact of research to move the field forward
  - A succinct and coherent story
  - Innovative and hypothesis-driven
  - Strong preliminary data and appropriate interpretation of preliminary data
  - Feasibility of the approach
  - Discussion of pitfalls and alternative strategies for approach
  - Focused specific aims, not overly-ambitious (more common) and descriptive
  - Clear demarcation from mentor’s current work (for both mentored and un-mentored awards)
Research Plan (cont.)

- Adequate scientific rationale and reasoning for the proposed work
  - Why the work should be done
  - Why YOU should be the person to do it
  - What is unique about this research

- Appropriate data analysis

- Clear demarcation from mentor’s current work (for both mentored and un-mentored awards)

- Leading to independence

- Grantsmanship is the reflection of Candidate and/or Mentors

- Written by applicant and edited by mentor
  - Clarity of figure legends, spelling, grammatical errors, inaccurate description, cut and paste text/sections from other application
Mentors, co-mentors, consultants, and collaborators

- Active research funding and sufficient research support from the mentor

- Sufficient expertise (especially for candidate seeking potential independent research demarcating from the mentor) and adequate time

- Mentor experience in successful mentoring/training (e.g. mentor with PhD degree have experience with PhD postdocs but not MD postdocs)

- Grantsmanship of the candidate reflects involvement of Mentor/Co-mentor

- Appropriate within and outside the institution collaborators
What are Reviewers looking in Career Development (K) Applications (cont.)

- Environment and Institutional commitment
  - Laboratory space and personnel support
  - Favorable environment for the proposed training and research
  - Protected time for research activities for clinicians
Components of successful applications
- Strong Idea
- Strong Science
- Strong Team
- Strong Presentation
- Complete application

Develop high-quality grant writing skills
- Communicate scientific impact compellingly
- Follow all instructions

Match idea/science to the NIH Institute
- Every IC has a specific mission: http://www.nih.gov/icd/
Designing Specific Aims

- Specific aims of a research application are the most important part of the application and should
  - Relay to the reviewers everything they need to know about the research objectives, central hypothesis, and significance of the proposed studies
  - Contain a brief description about importance of the proposed studies and the gap it fills when understanding of the “big picture” goal of the project
  - Convey a general approach that will be used to test the central hypothesis
  - Include 3-5 sentences that describe
    - What you are going to do
    - How are you going to do it
    - What you expect to find
Research Design and Methods

- Controls, controls, controls
- Discriminate between direct and indirect effects
- Resources needed to accomplish goals
- Need to use mouse vs. human primary cells
- *In vitro* vs. *In vivo* studies
- Limitations of proposed studies
- More studies are not necessarily better
- Quality trumps quantity
- Statistical analysis plan
Make Sure Applications Are Complete

- Address all solicitations requirements and follow instructions as stated in the RFA or PA etc.
  - Follow application submission instructions
  - Address ALL the review criteria, in order
- Make your description (Abstract) understandable and complete (write it last!)
- If work is not hypothesis-driven, explain why the work is important
- Include everything necessary for reviewers to assess your work.
- Never assume the reviewers will “know what you mean”
Facilitate the Review

- Present clear overall organization
- Don’t be too ambitious! Focus and be concise
- Make your application visually appealing
  - Charts, tables, diagrams, flow-charts
- Use appendices properly
- Cross-reference, label, number everything
- Watch out for typographical errors
Facilitate the Review (cont.)

Appendix Materials

- DO NOT circumvent page limits NOT-OD-10-077 and NOT-OD-11-080

- SRO will instruct reviewers not to read or consider that material in their evaluation

- Egregious cases: NIH has authority to withdraw application

Know the deadlines

- Special dates for AIDS or non-AIDS applications
Don’t Work In A Vacuum

- Actively seek out collaborations and network widely
- Expands access to valuable resources and expertise
- Multidisciplinary approaches are often stronger, and more convincing
- Read a successful similar application (and its summary statement)
Program Officials’ Role in Funding Decisions

At and After Review Meeting (1\textsuperscript{st} level peer review)
- Note reviewer enthusiasms and concerns
- Discuss Summary Statements with applicants
- Advise on resubmission process

At Advisory Council (2\textsuperscript{nd} level peer review)
- Report and address any unresolved review concerns
- Address requirements for foreign applications

For the Institute Director
- Priority Score/Percentile
- Areas of Emphasis
- Portfolio Balance
What to Do After Review

Talk to your NIH Program Officer

Read the Summary Statement
- Official document providing scientific merit score and summarizing reviewers comments
- First paragraph (Resume) is the official summary of the meeting discussion

Strategize Next Steps
- Talk to your NIH program officer again, after you have read the summary statement
- Discuss with colleagues and mentor(s)
Resubmit your application addressing reviewers' critique

Note:
After an unsuccessful A1, think seriously and modify application based on reviewers' feedback, then submit it as an A0.

DO NOT refer to reviewers’ critique in the A0 application.

FY14 Paylines

- Impact score of 25 for Ks except K99
- Impact score of 13 for F30
- Impact score of 30 for F31
- Impact score of 25 for F32
Seek Multiple Funding Sources

Find organizations that support research in your field
- Multiple NIH Institutes – overlapping areas of interest
- Other Local and Federal agencies – NSF, DoD
- Philanthropic and disease foundations
  - Fogarty International Center: http://www.fic.nih.gov/funding/index.htm
  - Bill and Melinda Gates Foundation: http://www.gatesfoundation.org/default.htm
  - The Wellcome Trust: http://www.wellcome.ac.uk/

Align proposed research with scientific mission of funding agency

Know policies and administrative requirements of funding agency
Ways to Find Collaborators
RePORT and COS

Research Portfolio Online Reporting Tool (RePORT):

- Find success rates in RePORT:
  http://report.nih.gov/success_rates/Success_ByActivity.cfm
- A searchable database of federally supported biomedical research

Access reports, data, analyses, expenditures, results of NIH supported research activities

Identify, analyze IC research portfolios, funding patterns, funded investigators:
- Identify areas with many or few funded projects
- Identify NIH-funded investigators and their research
- Identify potential mentors/collaborators

Community of Science (COS) http://www.cos.com/
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Thank You

Questions?
Other R Series
Funding Mechanisms
Overview

- Provides limited funding for a short period of time to support a variety of types of projects
  - Pilot or feasibility studies
  - Collection of preliminary data
  - No preliminary data are required
  - Secondary analysis of existing data
  - Small, self-contained research projects
  - Development of new technology, etc.
  - A doctoral student may not apply

Program Features

- Limited to two years of funding
- Direct costs generally up to $50,000 per year
- Not renewable
- Resubmission allowed
- Research Strategy 6 pages
- Projects of limited scope/cost using accepted approaches/methods
- Utilized by more than half of the NIH Institutes and Centers

Note: See Funding Opportunity Announcement for Institute and Center contacts and policies
Exploratory/Developmental Research (R21)

Overview

- Encourages new, exploratory and developmental research projects by providing support for the early stages of project development.
- Exploratory, novel ground breaking studies towards new directions.
- Preliminary data are not required but may be included if available.
- High risk high reward studies.
- Should be distinct form traditional R01.
- NIAID awards more R21s than other ICs
- Helpful to begin career at NIAID

Program Features

- Combined budget for direct costs for the two year project period usually may not exceed $275,000. No more than $200 in a year
- R21 can NOT be renewed
- R21 can be resubmitted
- Research Strategy 6 pages
- Most Institutes and Centers utilize the R21 program

**Note:** See Funding Opportunity Announcement for Institute and Center contacts and policies
The primary NIH funding mechanism for independent investigators

Up to 5-years funding, renewable

In general, \leq $500,000 direct costs per year
  - Prior approval required if $500k or more/year in direct costs

Five Standard review criteria and Overall Impact

Peer Review Process:
SRO and Reviewer Responsibilities

Review process

- NIH 5 Standard Review Criteria for Rs
  - Significance
  - Investigator(s)
  - Innovation
  - Approach
  - Environment

- HS, VA, and Biohazards

- **Overall Impact** for scientific/technical merit reflects:
  
  *assessment of the likelihood for the project to exert a sustained, powerful influence on the research field(s) involved, in consideration of the following five ‘criterion’*
  
  - It is different from ‘Significance’
Common Problems in R-series Applications

- Will research move the field forward
- Insufficient preliminary data (R01, etc.)
  - Not required for R21s but helpful, if included
- Lack of new or original ideas
- Absence of sound scientific rationale
- Lack of testable hypothesis or no hypothesis
- Lack of letter of support, if collaborating
- Diffuse, superficial or unfocused research plan
- Proposed experimental approaches are not feasible
- Lack of alternate approaches
- Inadequate stats analysis
Common Problems in R-series Applications (cont.)

- Statement about experimental rigor
- Future directions unclear
- Lack of Principal Investigator’s experience
- Lack of essential expertise in research team and/or collaborators
- Level of effort for the projects is too high or too low
- Unrealistically large amount of work (overly ambitious)
- Lack of knowledge of published relevant work (citations)
- Missing VA, HS, and Biohazards information
- Typographical errors
When you need help with the scientific and technical aspects of your application

Contact the Program Officer, who

- Assesses the appropriateness of the research area for institute
- Develops targeted research programs and provides advice about relevant grant mechanisms
- Provides advice about preparing an application
- Addresses questions about summary statements and funding
When you need help with your application during the review process

Contact the Scientific Review Officer (SRO), who

- Reviews applications for completeness and conformance with application requirements
- Ensures fair and unbiased evaluation of the scientific and technical merit
- Manages the study section meeting
- Provides accurate summaries of the evaluation
  - National Advisory Councils and Institute Directors
  - Applicants
When you need help with the business aspects of your application

Contact the Grants Management Officer (GMO), who
- Ensures performance of business management actions by the grantee and the federal government

Or the Grants Management Specialist (GMS), who
- Assists GMOs in managing grants
- Answers questions about completing application forms
- Provides guidance on the administrative and fiscal aspects of an award
R01 Investigator Resources

Use this portal to find resources for R01s, NIH's standard independent research grant.

See if you qualify for an R01, and it's the right choice.

Strategy for NIH Funding
- Ready for Independent Support? in What Funding May You Qualify For?
- See if an R01 Is Right For You in Choose the Grant

If you are a new or early-stage investigator, go to our New and Early-Stage Investigators portal.
- Read Are You "New"? to see if you qualify as a new PI for an R01 and the benefits for new PIs.

Quick Links
- Communicating With NIAID—How to Get Help
- eRA Commons
- R01 Parent Program Announcement
- Sample Application and Summaries Statements
- SF 424 Application Guide
- Standard NIH Submission Dates
- Strategy for Your Grant

Talk to a program officer to learn about grant types and opportunities and to get advice about whether your area of science fits NIAID's mission.
- Communicating With NIAID—How to Get Help
- When to Contact an NIAID Program Officer

Pick a funding opportunity at Opportunities and Announcements.
- For most investigator-initiated research, use the R01 Parent Program Announcement.
- Find Institute-specific initiatives:
  - NIAID Funding Opportunities List
  - NIH Guide

Find more information from NIAID.
- Standard Operating Procedures
- Questions and Answers

Watch for policy changes and other news.
- NIAID Funding Newsletter and Email Alerts Subscription Center—Subscribe to our biweekly newsletter.
- Subscribe to Email Alerts—newsletter, funding opportunities, paylines, and other interest areas.
- Special Announcements—all NIAID-relevant NIH Guide announcements except funding opportunities.
- Top Policy Changes—summary of major policy announcements for one year.

See examples of exceptional funded applications at Sample Applications and Summaries Statements on Samples and Examples.

Follow NIH's instructions. To prepare the application forms, follow the instructions in the opportunity's Guide notice and SF 424 Application Guide.

If you are seeking support for a clinical trial, you are strongly encouraged to request prior consultation from program staff before you apply.
Information and Internet Resources

The following slides contain resources that may help investigators to apply for funds or to administer them.
The NIH Guide for Grants and Contracts is the official publication for NIH medical and behavioral research grant policies, guidelines and funding opportunities. Definitions and More Information...

Search the NIH Guide for:
- Active RFAs (Requests for Applications)
- Active PAs (Program Announcements)
- Recent Notices (Released in Last 12 Months)
- Inactive & Active Announcements (use Advanced Search)

With Announcement # or Keywords: (Optional)

Search Help

Advanced Search

Browse Active Funding Opportunities
- Requests for Applications (RFAs)
- Program Announcements (PAs)
- Parent Announcements (unsolicited applications)

Browse Recent Policies and Guidelines
- Notices (Released in last 12 months)

Recovery Act Funding
- Current NIH Funding Opportunities and Notices

Related Resources
- Grant Application Basics
- Grants Process Overview
- Submitting Your Application
- Applying Electronically
- Electronic Research Admin (eRA Commons)
- NIH Financial Operations (aw/Funding Strategies)
- Archive of Selected Policy Notices (1993 - Present)

Related Archives
NIAID Newsletter Subscription


Research Funding

NIAID Email Alerts Subscription Center

Register to receive instant emails for NIAID Funding Newsletter, new initiatives, concepts, policy notices through our newsletter, and more.

How to Subscribe

To view and adjust your signups, enter your email address at Quick Subscribe.

1. Find the Research Funding header for items such as career opportunities. We subscribe them below.
2. Pick your topics of interest. You can also pick NIAID's other offerings.
3. After you sign up for NIAID's topics, you'll have the option to sign up for topics from other government agencies.
4. When you're done, save and exit.
5. To unsubscribe, go back to Quick Subscribe and uncheck the areas you're no longer interested in.

Research Funding Topics

By subscribing to one or more of the following areas, you will receive an Email Alert as follows:

- Concepts, Potential Funding Opportunities—when we post Council-cleared concepts.
- Fiscal Year Paylines—when we post a new actual payline (we don't send messages for interim paylines).
- Newsletter, NIAID Funding Newsletter—for every newsletter issue or special newsletter notice.
- Top Policy Changes—when we update the Top Policy Changes page.
- Funding Opportunities—when we publish a new funding opportunity matching your choices:
  - Multiyear Research Grants (e.g., program projects and cooperative agreements)
  - R&D Contracts (requests for proposals and broad agency announcements)
  - Single Project Research Grants (e.g., RO1 and R21)
  - Other...
Information about NIAID Funding Opportunities

http://www.niaid.nih.gov/researchfunding/ann/Pages/default.aspx

Opportunities and Announcements

Use this portal to stay abreast of funding opportunities and policy and other announcements.

Talk to a program officer—start with Contact Staff for Help in the Strategy for NIH Funding.

Learn about grant types and opportunities, get advice about whether your area of science fits NIAID’s mission.

Learn about funding opportunities and our future plans.

- For information and advice, read our Strategy for NIH Funding.
- Choose the Grant to learn about grant types and caveats for choosing one.
- Choose Approach and Find FOAs to decide whether to submit an investigator-initiated application or respond to an initiative.

Quick Links
- NIAID Funding Opportunities List
- NIH’s Parent Announcements
- Concepts: Potential Opportunities
- NIAID’s List of Foundations and Other Funding Sources
- NIH Guide
- Standard NIH Submission Dates

Sample Applications

Watch for policy changes and other news.
- NIAID Funding Newsletter and Blog—biweekly newsletter.
- Subscribe to Email Alerts—newsletter, funding opportunities, paylines, and other interest areas.

Look It Up
- concept
- eRA Commons
Advance Notice of NIAID RFAs/PAs

All About Grants: Tutorials and Samples


Research Funding

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All About Grants helps investigators plan and write grant applications and manage their awards. Help us improve our outreach to you by emailing deaweb@niaid.nih.gov.

All Investigators

Strategy for NIH Funding

Get sound guidance and a solid strategy for R01 applications and grants in the Strategy for NIH Funding.

New Investigators

Resources by Career Stage

Find resources for your career stage.

- Advice on Research Training and Career Awards—get advice on fellowships, career awards, institutional T32 training grants, and supplements.
- Training and Career portal—find information for early career stages.
- New and Early-Stage Investigators portal—find out which support types are appropriate for you.
- New Investigator Guide to NIH Funding—learn the basics about NIH and how to qualify as new investigator.

More Tutorials in Topic Areas

- New Investigator Guide to NIH Funding
- Guidance for Preparing a Multi-project Research Application
- How to Write an Application Involving Research Animals
- NIAID Human Subjects Application and Grant Handbook and Checklists for Human Subjects
- Advice on Research Training and
New Investigator Guide to NIH Funding

This document outlines strategies for gaining an NIH grant and explains basic funding concepts and processes to new and would-be principal investigators.

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- Are You "New"?
- How to Qualify for New and Early-Stage Investigator Status

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- advisory Council
- Alien Registration Receipt Card
- American Recovery and Reinvestment Act (ARRA)
- animals in research
- authorized organizational representative (AOR)
NIAID Grant Application
Step by Step Advice


Research Funding

Application

Follow the steps on this portal page for actions you'll take to get ready and apply for an NIH grant. For progress reports, go to the Grant Award and Management portal.

Talk to a program officer—Communicating With NIAID—How to Get Help.

Learn about grant types and opportunities; get advice about whether your area of science fits NIAID's mission.

- When to Contact an NIAID Program Officer
- Where can I find help for Grants.gov?
- Where can I find help for eRA Commons?

Begin planning—read these pages in the Strategy for NIH Funding.

- Qualify for NIH Funding
- Choose the Grant

Then pick an opportunity, Visit Opportunities and Announcements to find opportunities and apply:

- For investigator-initiated research, use NIH's Parent Announcements.

Quick Links

- NIAID's All About Grants
- NIH's Parent Announcements
- NIAID Funding Opportunities List
- SF 424 Application Guide
- Standard Due Dates for Competing Applications

Find more information from NIAID.

- Standard Operating Procedures
  - Application section
    - Find Topics and Opportunities
    - Prepare Application
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- Questions and Answers
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Highlights

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Look it Up

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- Center for Scientific Review (CSR)
- error
- genome-wide association study (GWAS)
- human subjects
- integrated review group (IRG)
- investigator-initiated
- multiple PI
Overview of Electronic Submission
http://era.nih.gov/ElectronicReceipt/

Frequently Asked Questions
http://era.nih.gov/ElectronicReceipt/faq.htm

Avoiding Common Errors
http://era.nih.gov/ElectronicReceipt/avoiding_errors.htm

Training Resources, Videos, Quick Reference Materials
http://era.nih.gov/ElectronicReceipt/training.htm
National Institute of Allergy and Infectious Diseases
http://www.niaid.nih.gov/

NIAID Funding Page
http://www3.niaid.nih.gov/researchfunding/

NIAID International Grants and Contacts

Grant Application Basics
http://funding.niaid.nih.gov/ncn/grants/cycle/default.htm
NIH Intramural Database Resources (find a scientist working on related research interests): [http://intramural.nih.gov/search/index.tml](http://intramural.nih.gov/search/index.tml)


NIH Grants Information Help Desk: For questions about the content of new forms and instructions.
- E-mail: grantsinfo@od.nih.gov or
- Phone: 301-435-0714

Grants.gov Contact Center: For questions on form functionality or submission to Grants.gov.
- E-mail: support@grants.gov
- Phone: 1-800-518-4726

NIH eRA Help Desk: For post-submission questions or technical issues that threaten NIH’s timely receipt of your application.
- Web support: http://ithelpdesk.nih.gov/eRA/
- Phone: 1-866-504-9552 or 301-402-7469