Securing Research Funding

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Question:

What was the success rate for all new, original submission NIH R01-equivalent grant applications in 2013?

8.5%

Only 1,440 of 16,999 original A0 applications were funded.
With odds like that, what’s a researcher to do?
Today’s Agenda

1. Find appropriate funders/the right agency.
2. Ensure your eligibility/competitiveness and find the best/appropriate funding mechanisms for you and your research.
3. Identify strategies to maximize your odds.
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Our research is solidified, but our funding has vaporized.
Finding Funding – Active Searching

On-Line Databases & Resources

• ScanGrants, Foundation Directory Online, Grant Forward
Scan Grants - [http://www.scangrants.com/](http://www.scangrants.com/)

✅ ScanGrants™ is designed to facilitate the search for funding sources to enhance individual and community health

✅ May be of interest to virtually anyone associated with the health field – medical researchers, social workers, nurses, students, community-based health educators, academics and others

✅ Federal and state funding sources are typically not included
Foundation Directory Online Professional

✓ Very rich searchable online database for private foundation funding
  
  www.healthlibrary.emory.edu/
  - Databases
  - Find Databases: Foundation Directory

✓ Excellent foundation information - can search grants as well as grant makers

✓ Not exclusive to research funding, but excellent “text” word search capability and drill down/filter features
Grant Forward -
https://www.grantforward.com/index

✓ Replaced The IRIS Database subscription at Emory
✓ Contains thousands of active federal and private funding opportunities in the sciences, social sciences, arts, and humanities
✓ Very powerful drill down feature for effective searching
✓ The Database is updated daily
Finding Funding Passively

E-mail alerts

✓ BiRD, What’s Up?, ACTSI Roundup, Grant Forward, NIH Agencies, professional associations, Scan Grants
NIH TOC

✓ View at:

http://grants.nih.gov/grants/guide/WeeklyIndex.cfm

✓ To subscribe to weekly email:

http://grants.nih.gov/grants/guide/listserv.htm
Leading Research to Understand, Treat, and Prevent Infectious, Immunologic, and Allergic Diseases

You are subscribed to the "NIAID Funding Newsletter" interest category. Adjust your subscriptions at Quick Subscribe. February 12, 2014, NIAID Funding Newsletter

Read this full issue online at http://www.niaid.nih.gov/researchfunding/newsletter/2014/Pages/0212.aspx

Feature Article

Opportunities and Resources

In The News

Advice Corner

New Funding Opportunities

PA-14-095, Eradication of HIV-1 From Central Nervous System Reservoirs
PA-14-094, HIV Infection of the Central Nervous System
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Confirm Eligibility and Competitiveness

1. Read and reread the RFA
2. Establish a relationship with the Program Officer
3. Look at titles/abstracts of previously funded proposals
4. Ensure scope of work is appropriate for the mechanism
5. Maintain a strong Biosketch
Seed Funding Opportunities

✓ Typically $20-$50K towards collecting preliminary data

✓ List of opportunities listed at these links:
  • http://www.pedsresearch.org/funding
  • http://www.osp.emory.edu/funding/Internal.html

✓ Request to be added to relevant listserv’s to learn about targeted announcements
One Emory Based Example

University Research Committee -

http://www.urc.emory.edu/

✓ Must have Emory faculty appointment

✓ Proposals are considered that explore all aspects of Health/Biological Sciences (special ACTSI version geared toward patient-oriented research)

✓ $30K

✓ Applications accepted annually in January
Pilot Call Currently Open

Emory+Children’s Pediatric Research Center -

In 2014 is supporting child health research initiatives in the following areas:

• Center for Cardiovascular Biology (CCB)
• Center for Cystic Fibrosis and Airways Disease Research (CFAIR)
• Joint Call from: The Center for Immunology & Vaccines and The Center for Pediatric Nanomedicine (CCIV & CPN)
• Center for Pediatric Nanomedicine (CPN)
• Institute for People and Technology (IPAT)
• Center for Pediatric Innovation (CPI)
• Center for Transplantation and Immune-Mediated Disorders (CTID)
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Top 10 Strategies to Maximize Odds of Funding Success

#1

Attend K-Club and other informational sessions like Clinical Research Bootcamp
Top 10 Strategies to Maximize Odds of Funding Success

#2

Publish, Publish, Publish before submitting
#3

Gain experience reviewing grants

- Request placement on a seed grant review committee
- Express your interest to relevant program officers/mentors
Top 10 Strategies to Maximize Odds of Funding Success

#4

Read and re-read the RFA

- ensure eligibility criteria are met
- follow all instructions (LOI’s etc)
- ensure all aspects of application are addressed well before submission
Top 10 Strategies to Maximize Odds of Funding Success

#5

Plan ahead

- stay connected to your funder
- create a timeline and milestones
- work with your research grant administrator
Top 10 Strategies to Maximize Odds of Funding Success

#6

Utilize resources

• critical review of aims and strategy by experts
• statistical help and use of other core resources
Top 10 Strategies to Maximize Odds of Funding Success

#7

Get division/department support early and in writing

- startup
- commitment to cost sharing
- space
- dedicated time and effort
Top 10 Strategies to Maximize Odds of Funding Success

#8

Utilize peripheral/supporting documents to your advantage

- Biosketch – tailor personnel statement(s)
- Facilities & Resources – highlight institutional contributions
- Budget Justification – highlight expertise and cost-share
- Letters of Support
Top 10 Strategies to Maximize Odds of Funding Success

#9

Edit and beautify the application
Top 10 Strategies to Maximize Odds of Funding Success

#10 Get ready to lather, rinse, repeat

Strategy for NIH Funding

To secure funding for an NIH grant, you’ll need sound guidance and a solid strategy. The Strategy takes you through all the steps from qualifying for NIH support to staying funded. Even more, it gives you specific “to do’s” so you’re prepared at every stage.

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<td>Figure out the type of NIH grant support you and your institution may qualify for.</td>
<td>Use a strategy to choose and design a research project for your R01 application.</td>
<td>Write your Research Plan and other sections, get feedback from peers, and edit.</td>
<td>Fill out the electronic application forms and know what it takes to pass validations.</td>
<td>Understand assignment, initial peer review, and second-level review by our advisory Council.</td>
<td>If an institute does not fund your application, explore your options, including a resubmission.</td>
<td>Learn how NIH makes funding decisions and how to renew, manage a grant, and stay funded.</td>
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Final Question:
What was the success rate for all new NIH R01-equivalent grant applications upon resubmission in 2013?

30.2%
(up from 8.5% from original submission)
It always seems impossible until it's done.
-Nelson Mandela
Appendix - Additional Resources: Grant Writing – Formulas and Suggested Formats

The Grant Application Writer’s Workbook:

All About Grants: Tutorials and Samples

Seek successful examples from others
• Mentors/colleagues