



SPONSORED RESEARCH AND PROGRAM DEVELOPMENT

[www.rockefeller.edu/sr-pd/](http://www.rockefeller.edu/sr-pd/)

# Research Funding Programs

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# Resources for Finding Funding Opportunities

- University Sponsored Research & Program Development (SR-PD)
  - [Your Grants Management Specialist](#)
  - [SR-PD Website](#)
  - SR-PD Emails
- Online resources such as [Community of Science](#) (COS)-Pivot, [InfoEd](#) – SPIN, [Grantsnet](#) and others
- Mentor and peers



# Where to Apply

- Federal
  - NIH
  - NSF
  - Department of Defense
  - Other agencies as funding programs are made available
- Foundations
- Industry
- Internal (via Development)



# Strategic Resources

- Mentor
- Peers
- RU SR-PD
  - Forms and format
  - Budget (e.g. personnel effort & costs, indirect costs)
  - Boilerplates
  - Your Grants Management Specialist
- Sponsor's website
- NIH
  - RePORT
  - Program Official
  - Award trends and success rates
  - Office of Extramural Research



# Types of Funding

- Fellowships
- Career Development (ex. NIH K08 and K23; non-NIH)
- Research Grants
  - Small (ex. NIH R03)
  - Exploratory (ex. NIH R21)
  - Individual research grants (ex. NIH R01)
  - Internal Pilot Study grants (ex. CTSA)
  - Collaborative center/program grants
  - Non-NIH sources using similar mechanisms





# NIH Career Development Awards

- [K08](#) *Mentored Clinical Scientist Research Career Development Award* supports supervised research career development experience in the fields of biomedical and behavioral research
- [K23](#) *Mentored Patient-Oriented Research Career Development Award* supports investigators committed to research on patient-oriented research
- [K99/R00](#) *Pathway to Independence Award*



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# NIH Career Development Award Summary

	K08	K23	K12	K99/R00
Citizenship Eligibility	USA or Permanent Resident	USA or Permanent Resident	USA or Permanent Resident	Not limited to USA or Permanent Resident
Length of Project Period	Up to 5 years mentored	Up to 5 years mentored	Up to 5 years mentored	Up to 2 years mentored
Estimated Range of Annual Direct Costs	\$123,000 - \$224,000	\$123,000 - 224,000	Varies (funds multiple scholars)	\$90,000 (check <a href="#">Table of I/C contacts</a> )
Minimum effort committed to research	75%	75%	75%	75%
Letters required	Mentor plus 3 referees	Mentor plus 3 referees	None	Mentor plus 3 referees
Participating NIH Institutes	Most institutes	Most institutes	NCI, NEI, NICHD, NIDA, NIGMS, NINDS	Most institutes



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# Tips on NIH Career Development Awards

- Requires a minimum effort of 75% on research
- Strong/experienced mentor(s) is critical
- Training plan must be clear, focused, as well as interesting and practical
- Biosketches should reflect the potential of the candidate and the qualifications of the mentor



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# NIH Career Development Awards

## Limit of Cumulative K-support

- Mentored Clinical Scientist Research Career Development Award (K08) – [NIH institutes limiting cumulative support](#) (6 years) on institutional/K12 & K08 grants
  - NHLBI, NICHD, NIDCD (7 years w/PO permission)
- Mentored Patient-Oriented Research Career Development Award (K23) – [NIH institutes limiting cumulative support](#) (6 years) on institutional/K12 & K23 grants
  - NHLBI, NICHD, NIDCD (7 years w/PO permission),  
NIDDK, NIMH



# Other NIH New Investigator Awards

- [NIH Director's New Innovator Award Program](#) (\$300K/year for 5 years)
- [Small Grant Program for NIDDK K01/K08/K23 Recipients \(R03\)](#) (\$50K/year for 2 years)
- [AIDS-Science Track Award for Research Transition \(R03\)](#) (\$100K/year for 2 years)
- [Imaging Science Track Award for Research Transition \(R03\)](#) (\$150K for 1 year)
- [NIAMS Small Grant Program for New Investigators \(R03\)](#) (\$50K/year for 3 years)
- [NIDCR Small Grant Program for New Investigators \(R03\)](#) (\$150K over 2 years)



# DOD Congressionally Directed Medical Research Program (CDMRP)

- No citizenship requirements
- Some research programs have career awards and many are open to investigators at all academic levels
- FY2013 program announcements not available yet
- Examples of FY2012 programs:
  - [Breast Cancer Research Program](#) – Idea Award (\$375K for 2 years) does not require preliminary data
  - [Ovarian Cancer Research Program](#) – Pilot Award (\$250K for 2 years) for investigators at or above postdoctoral level
  - [Prostate Cancer Research Program](#) – Idea Development Award for New Investigators (\$225K for 3 years)
  - [Peer Reviewed Medical Research Program](#) – 22 topic areas (Arthritis, Dystonia, Drug Abuse, Epilepsy, Food Allergies, Fragile X Syndrome, Inflammatory Bowel Disease, Lupus, Malaria, Neuroblastoma, Osteoporosis, Paget's Disease, Polycystic Kidney Disease, Scleroderma, Tinnitus, and Tuberculosis)



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# Foundation Programs

- American Academy of Neurology Foundation – [Clinician Scientist Development Awards](#)
- American Heart Association – [Clinical Research Program](#)
- American Society of Clinical Oncology – [Young Investigator Award](#)
- Arthritis Foundation – [New Investigator Awards](#)
- Burroughs Wellcome Fund – [Career Awards for Medical Scientists](#)
- Dermatology Foundation – [Career Development Awards](#)
- \*Doris Duke Charitable Foundation – [Clinical Scientist Development Award](#)
- Komen Breast Cancer Foundation – [Career Catalyst Award](#)
- NARSAD/Brain & Behavior Research Foundation – [Young Investigator Award](#)
- Scleroderma Foundation – [New Investigator Grant](#)

For other new investigator award programs visit [New PI](#) site

*\* Administered by Development Office*



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# Early Stage of Proposal Planning

- Start early, approx. 6-9 months before deadline
- Review the funding program/announcement
- Research recently funded proposals
- Find out success rate at target agency/institute
- Discuss your research/proposal with your mentor
- Contact (e.mail) the Program Official/Director – determine/confirm Institute/Center assignment
- Attend grant writing workshops at RU & national mtgs/conferences
- Secure reference letters (for K-mechanism applications)
- Register with sponsor
- Work with your Grants Management Specialist





# Preparing the Proposal

- Review scope of the funding opportunity announcement
- Make note of the deadline
- Verify eligibility with your Grants Management Specialist
- Read closely the guidelines/instructions – including special submission requirements
- Design your outline and research plan according to the sponsor's instructions
- Fully address the review criteria and in the order presented by the sponsor



# Questions and Suggestions