



SPONSORED RESEARCH AND PROGRAM DEVELOPMENT

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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, [Funding Database](#), 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
 - Training Area/Career Development Resources (e.g. K-award checklist)
 - 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 biomedical and behavioral research, including translational 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 - \$290,000 (check Table of I/C requirements)	\$129,000 - \$290,000 (check Table of I/C requirements)	Varies (funds multiple scholars)	\$90,000 - \$275,000 (check Table of I/C requirements)
Minimum effort committed to research	75%	75%	75%	75%
Letters required	Mentor plus 3 -5 referees	Mentor plus 3-5 referees	None	Mentor plus 3-5 referees
Participating NIH Institutes	Most institutes	Most institutes	NCI, NEI, NICHD, NIDCR, NIDA	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



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, NIDCR, 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, NIDCR, NIDDK, NIDCD - 7 years w/PO permission



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)
- [NIDA AIDS-Science Track Award for Research Transition \(R03\)](#) (\$100K/year for 2 years)
- [NIDA 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
- FY2014 opportunities have been pre-announced:
 - Breast Cancer Research Program – Breakthrough Award (\$350K for 3 years) for investigators at all academic levels
 - Ovarian Cancer Research Program – Pilot Award (\$225K for 2 years) for investigators at or above postdoctoral level
 - Neurofibromatosis Research Program – Exploration-Hypothesis Development Award (\$100K for 2 years) for PIs at all levels of experience
 - Peer Reviewed Medical Research Program – 25 topic areas. Discovery Award (\$200K for 18 months) – for highly innovative concepts; no PI eligibility requirement



Foundation Programs

- American Academy of Neurology Foundation – [Clinician Scientist Development Awards](#)
- American Heart Association – [Mentored Clinical & Population Research Award](#)
- American Society of Clinical Oncology – [Young Investigator Award](#)
- 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