Research Funding Programs

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Sponsored Research and Program Development
www.rockefeller.edu/sr-pd
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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

<table>
<thead>
<tr>
<th>Citizenship Eligibility</th>
<th>K08</th>
<th>K23</th>
<th>K12</th>
<th>K99/R00</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA or Permanent Resident</td>
<td>USA or Permanent Resident</td>
<td>USA or Permanent Resident</td>
<td>Not limited to USA or Permanent Resident</td>
<td></td>
</tr>
<tr>
<td>Length of Project Period</td>
<td>Up to 5 years mentored</td>
<td>Up to 5 years mentored</td>
<td>Up to 5 years mentored</td>
<td>Up to 2 years mentored</td>
</tr>
<tr>
<td>Estimated Range of Annual Direct Costs</td>
<td>$123,000 - $290,000 (check Table of I/C requirements)</td>
<td>$129,000 - $290,000 (check Table of I/C requirements)</td>
<td>Varies (funds multiple scholars)</td>
<td>$90,000 - $275,000 (check Table of I/C requirements)</td>
</tr>
<tr>
<td>Minimum effort committed to research</td>
<td>75%</td>
<td>75%</td>
<td>75%</td>
<td>75%</td>
</tr>
<tr>
<td>Letters required</td>
<td>Mentor plus 3 -5 referees</td>
<td>Mentor plus 3-5 referees</td>
<td>None</td>
<td>Mentor plus 3-5 referees</td>
</tr>
<tr>
<td>Participating NIH Institutes</td>
<td>Most institutes</td>
<td>Most institutes</td>
<td>NCI, NEI, NICHD, NIDCR, NIDA</td>
<td>Most institutes</td>
</tr>
</tbody>
</table>

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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
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