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, 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

<table>
<thead>
<tr>
<th>Citizenship Eligibility</th>
<th>K08 USA or Permanent Resident</th>
<th>K23 USA or Permanent Resident</th>
<th>K12 USA or Permanent Resident</th>
<th>K99/R00 Not limited to USA or Permanent Resident</th>
</tr>
</thead>
<tbody>
<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 - $224,000</td>
<td>$123,000 - 224,000</td>
<td>Varies (funds multiple scholars)</td>
<td>$90,000 (check Table of I/C contacts)</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 referees</td>
<td>Mentor plus 3 referees</td>
<td>None</td>
<td>Mentor plus 3 referees</td>
</tr>
<tr>
<td>Participating NIH Institutes</td>
<td>Most institutes</td>
<td>Most institutes</td>
<td>NCI, NEI, NICHD, NIDA, NIGMS, NINDS</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, 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

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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)
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
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