Why & How:
Navigating the postdoctoral funding landscape

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March 7, 2019
Why should you secure postdoc funding?

*During the grant writing process:*

- Learn how to write and compete for grants
- Start to develop & formulate your own research ideas

*Once you got a grant or fellowship:*

- More freedom to establish your own independent line of research while keeping your mentors and having focused time for research
- Recognition (internal & external), great for your CV
- Excellent foundation for going onto the academic job market
How should you secure postdoc funding?

The Grant Cycle

How it's supposed to work:
- Write Grant
- Get $ (Do Research)
- Publish Results
- (Repeat)

How it really works:
- Do Research
- Get results but don't publish them yet. Call them "preliminary results"
- Write Grant to do what you already did
- Get $ (Use $ to pay for an unrelated new project)
- OK, now you can publish results
Sources of Postdoc Funding

Institutional:
MGH ECOR
Tosteson & Fund for Medical Discovery (FMD) Fellowships

The Tosteson & FMD Awards are intended to support junior investigators (MD and PhD Research Fellows/Clinical Research Fellows) during a one year period at MGH who are in the training phase of their research. The award is open to fundamental and clinical research at MGH.

The ECOR Subcommittee on Review of Research Proposals (SRRP) reviews the applications and selects the awardees.

- Stipend of $48,500 plus applicable fringe benefits and 15% indirect costs for one year.
- ECOR will accept only one application per applicant for MGH ECOR Fellowship Awards per calendar year.

<table>
<thead>
<tr>
<th></th>
<th>FMD Clinical</th>
<th>Tosteson &amp; FMD</th>
<th>Tosteson &amp; FMD</th>
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<tbody>
<tr>
<td><strong>Deadline</strong></td>
<td>February 1</td>
<td>June</td>
<td>October 1</td>
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<tr>
<td><strong>Notification E-mails</strong></td>
<td>June</td>
<td>August</td>
<td>December</td>
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<tr>
<td><strong>Award Start Date</strong></td>
<td>July 1</td>
<td>September 1</td>
<td>January 1</td>
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Sources of Postdoc Funding

Institutional: MGH ECOR

Non-federal: Foundations & Societies
Philanthropic Funding for Postdocs

Foundations fund biomedical research on a specialized topics of interest.

AHA Postdoctoral Fellowship
- 1-2 years postdoctoral funding (NIH sliding scale)
- $3000 travel / research support
- Next Application Deadline: July 2019 (?)

NARSAD Young Investigator Grants
- 1-2 years funding (partial salary, research support)
- Next Application Deadline: March 19, 2019

Search for opportunities in your own specific research field:
- Ask your peers in your field!
- http://grantome.com/
- https://www.grantforward.com/search
Sources of Postdoc Funding

- **Institutional:** MGH ECOR
- **Non-federal:** Foundations & Societies
- **Career Development**
- **Awards**
Career Awards at the Scientific Interface

- $500,000 over five years to bridge advanced postdoctoral training and the first three years of faculty service
- At least 12 months but not more than 60 months of postdoctoral research by the date of the full invited application deadline
- Open to U.S. and Canadian citizens, permanent residents, and temporary residents

Postdoctoral Enrichment Award

- Underrepresented minority postdoc fellows
- $60,000 over 3 years
Sources of Postdoc Funding

Institutional: MGH ECOR

Federal:
- NIH
- NSF

Non-federal:
- Foundations
- Societies

Career Development

Awards
NIH programs help to prepare the skilled, creative and diverse biomedical research workforce of tomorrow.
Training
To provide institutional research training opportunities (including international) to trainees at the undergraduate, graduate, and postdoctoral levels

- D71 International Research Training Planning Grant
- D43 International Research Training Grants
- T15 Continuing Education Training Grants
- T37 Institutional National Research Service Award

Fellowship
To provide individual training opportunities (including international) to supported fellows at the undergraduate, graduate, postdoctoral, and senior career levels

- F05 International Research Fellowships (FIC)
- F30 Individual Predoctoral NRSA for MD/PhD Fellowships
- F31 Predoctoral Individual National Research Service Award
- F32 Postdoctoral Individual National Research Service Award

Career Development
To provide individual and institutional career development opportunities to supported candidates at the postdoctoral, early career, and mid career levels.

- K01 Research Scientist Development Award - Research
- K02 Research Scientist Development Award
- K05 Research Scientist Awards
- K06 Research Career Awards

Research Education
To provide research education opportunities, including courses, research experiences, mentoring, curriculum development, and outreach.

- R00 Career Transition Award
- R25 Research Education

Loan Repayment
To provide for the repayment of the educational loan debt of qualified health professionals.

- L30 Loan Repayment Program for Clinical Researchers
- L32 Loan Repayment Program for Clinical Researchers from Disadvantaged
- L40 Loan Repayment Program for Pediatric Research

Other
To provide other training-related opportunities in research.

- R36 Dissertation Award
- SUPP Entry Supplement
- SUPP Diversity Supplements
- Resources
Ruth L. Kirschstein Postdoctoral Individual National Research Service Award

Program Purpose
The purpose of the Kirschstein-NRSA postdoctoral fellowship is to enhance the research training of promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of the participating NIH Institutes and Centers.

Eligibility
- PD/PI: U.S. citizen or permanent resident, with research or clinical doctoral degree.

Career Level

<table>
<thead>
<tr>
<th>Career Level</th>
<th>Years of Experience</th>
<th>Stipend for FY 2018</th>
<th>Monthly Stipend</th>
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<tr>
<td>Postdoctoral</td>
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<tr>
<td></td>
<td>7 or More</td>
<td>$59,736</td>
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F33 (rare)
- Fellowships for Senior Fellows
- Up to 2 years of support to make major changes in direction of research career
Sources of Postdoc Funding

Institutional: MGH ECOR

Non-federal: Foundations & Societies

Federal: NIH NSF

Career Development

Awards
**Mentored Research Scientist Career Development Award**

For support of a postdoctoral or early career research scientists committed to research, in need of both advanced research training and additional experience.

**Career Transition Award**

To provide support to outstanding newly trained basic or clinical investigators to develop their independent research skills through a two phase program; an initial mentored research experience, followed by a period of independent research.

**Pathway to Independence Award**

To support both an initial mentored research experience (K99) followed by independent research (R00) for highly qualified, postdoctoral researchers, to secure an independent research position. Award recipients are expected to compete successfully for independent R01 support during the R00 phase.

**Mentored Quantitative Research Career Development Award**

To support the career development of investigators with quantitative scientific and engineering backgrounds outside of biology or medicine who have made a commitment to focus their research endeavors on basic or clinical biomedical research.

**Mentored Clinical Scientist Research Career Development Award**

To provide the opportunity for promising clinician scientists with demonstrated aptitude to develop into independent investigators, or for faculty members to pursue research, and aid in filling the academic faculty gap in health profession’s institutions.

**K99/R00**

- Apply as a postdoc
- Open to national & international applicants
- Within 4 years of your doctoral degree
Early Independence Award
To support the independent research project of exceptionally creative scientists to bypass the typical Post-Doctoral research training period in order to move rapidly to research independence.

Get involved in writing larger Research grants with your PI
Have a conversation about your career development with your PI & mentors

Within 12 months preceding, or completing, doctoral degree
Good luck!