ECOR Grants: An Overview

Maire Leyne, MBA, MS; Director, ECOR lain Drummond, PhD; Co-chair, SRRP Robert Gerszten, MD; Co-chair, SRRP Karen Miller, MD; Co-chair, SRRP Kristin White, PhD; Co-chair, SRRP

Agenda

- ECOR grants
- ECOR website
- SRRP
- ECOR awards
 - ISF
 - FMD
 - Claflin

ECOR Grants

ECOR received ~800 applications and awarded ~\$10M in FY14

Grant	Appli	Awards	
	FY 13	FY 14	FY 14
Claflin	30	41	5
Goodman	37	37	1
MAO	6	10	2
SAC Abstracts	210	252	12
Scholars	81	97	8
FMD + Tosteson (3 Calls)	163	143	23
MGH-MIT Grand Challege #1	-	33	6
ISF (3 Calls)	97	124	59
Sequestration (3 Calls)	18	16	12
Formulaic	29	25	23
SIGs	8	6	6
Totals	679	804	157

Our site: ecor.mgh.harvard.edu



The Executive Committee on Research (ECOR)

The Executive Committee on Research (ECOR) of Massachusetts General Hospital was established in the late 1940s. Meeting twice-monthly, this committee is the central body for research governance, bringing together a broad representation of internal stakeholders to provide strategic guidance to the hospital's leadership regarding research priorities.

A major strength of ECOR is its diverse and regularly-rotating membership which includes many department chiefs, elected members of

the research community, appointed members, hospital senior management and directors of the Mass General Thematic Centers and the Mass General Cancer Center.

Facilitating communication among scientists, both within Mass General and with collaborators outside the hospital, has become increasingly important in the current era of multidisciplinary, multi-institutional team science, and ECOR plays a vital role in this process.

Learn more about ECOR >



Awards & Grants

ECOR Online Grant Management Portal

ECOR Faculty Awards

ECOR Interim Support

ECOR Post Doctoral Awards

External Funding Opportunities

Standard ECOR Application Forms

COS Pivot -- External Funding Search Engine



2014 Martin Research Prize Winners with Dr. Martin. From Left: Stephanie Seminara, MD, Joseph B. Martin, MD, PhD and Jayaraj Rajagopal, MD

Awards & Grants

ECOR has a major internal grants and awards program, virtually a mini-foundation, which annually reviews nearly 800 applications from MGH investigators and fellows, and awards approximately 120 internal grants.

ECOR launched a major grants program in 2006 to provide interim/bridge support to faculty whose NIH or other federal funding is delayed or otherwise interrupted.

ECOR also awards the Martin Prize, the Howard Goodman Award, the Claflin Awards, and the Multi-Cultural Affairs Office Award, and the Tosteson and Fund for Medical Discovery post-doc fellowship awards.

In January 2011, ECOR launched the MGH Research Scholars Program, a major initiative to award research support to outstanding faculty in the MGH research community in support of innovative, cutting-edge research. The first five scholars were named in May 2011; another eight were named in May 2012. Each Scholar receives research funding of \$100,000 a year for 5 years.

ECOR is now accepting applications online!

ECOR Faculty Awards

- Claflin Distinguished Scholar Awards
- H.M. Goodman Fellowship
- Martin Research Prize
- MGH Physician-Scientist Development Award
- MGH Research Scholars Program

External Award Nominations

- Pew Scholars
- Smith Family Foundation for Biomedical Research

ECOR Postdoctoral Awards

 Tosteson and Fund for Medical Discovery Fellowship

ECOP Intenies Support Grants

- Deliberative Interim Support Funding
 - Formulaic Bridge Funding
 - Sequestration Relief Funding

Awards & Grants

ECOR Online Grant Management Portal

ECOR Faculty Awards

ECOR Interim Support

Deliberative Interim Support (ISF)

Formulaic Bridge Funding

Sequestration Relief Funding

ECOR Post Doctoral Awards

External Funding Opportunities

Standard ECOR Application Forms

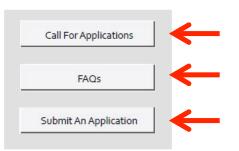
COS Pivot -- External Funding Search Engine



Deliberative Interim Support (ISF)

Deliberative Interim Support Funding (ISF), is open to Principal Investigators during a <u>lapse or delay</u> in their research funding from the NIH or another Federal agency (e.g., the National Science Foundation, the Department of Defense). Investigators must have applied for independent, long-term support (R01, R21, U01 and P01). The Deliberative Interim Support process is open to:

- ⇒ Investigators whose grants were not scored.
- ⇒ Investigators whose grants received scores >20th percentile.
- ⇒ Investigators who were awarded Formulaic Bridge Funding and are now requesting additional financial support.



Deliberative ISF Review Cycles

	APRIL 1 DEADLINE	AUGUST 1 DEADLINE	DECEMBER 1 DEADLINE
Review Process	Мау	September	January
Notification E-mails	June	October February	
Award Start Date	Per the Summary Statement requested start date	Per the Summary Statement requested start date	Per the Summary Statement requested start date

RESEARCH Innovation at MGH



Application Deadline: Monday, December 1, 2014 – 5:00 PM

DESCRIPTION OF THE AWARD

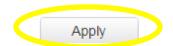
The Executive Committee on Research (ECOR) is now accepting applications for Deliberative Interim Support Funding (ISF). This is open to Principal Investigators during a <u>lapse or delay</u> in their research funding from the NIH or another Federal agency (e.g., the National Science Foundation, the Department of Defense). Investigators must have applied for independent, long-term support (R01, R21, U01 and P01). The Deliberative Interim Support process is open to:

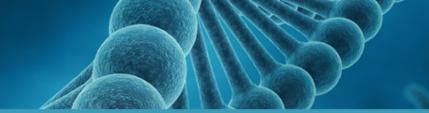
- Investigators whose grants were not scored or whose scores were not transferred into a percentile ranking.
- Investigators whose grants received scores >20th percentile.
- Investigators who were awarded Formulaic Bridge Funding (grants with scores < or = 20th
 percentile), and are now requesting additional financial support (in excess of \$75,000 for RO1s, and
 \$37,500 for R21s).
- 4. A PI who has already received Formulaic Bridge Funding or Deliberative Interim Support on their A0 grant application must apply through the Deliberative Interim Support process for their A1 or A0 resubmission regardless of the score they received on their resubmitted grant.
- 5. Preference will be given to those projects which have not previously received ISF funding.

QUESTIONS

Please visit the ECOR website http://ecor.mgh.harvard.edu/ and specifically the FAQ page for Deliberative ISF under the Awards and Grants tab of the site.

If you still have questions remaining, please submit your questions via e-mail to ECOR.





Welcome to the ECOR Online Grant Management Portal!

The Online Grant Management System is your portal to applying for internal funding opportunities provided by the Executive Committee on Research (ECOR). The system is only for <u>MGH investigators</u>.

Using our online application portal, you will be able to:

- · Save and edit applications in progress
- · Submit completed applications
- · View previously submitted applications

New Users

If you have not accessed the system before, please login using your Partners username and password. Once you have been authenticated, you will be asked to create your profile.

Returning Users

Need to update your profile information?

Once you have logged in, select "My Profile". This page will allow you to update your profile information; you can update your name, email address, phone number, degrees, academic rank, department chief, and grant administrator details.

Partners Username Password
Login

Once you log in, you will be entering a secure website where you will be able to access all current ECOR funding opportunities.









MGH Research News





October 10, 2014

ANNOUNCEMENTS ▶

- 1. Research Council slides posted!
- 2. Animal Researchers notice of the AAALAC Site Visit November 3rd
- 3. Harvard purchasing program ending October 28, 2014
- 4. Core of the Week: MGH Histopathology Research Core
- 5. Research Navigator Tips: Watch a Video Tutorial
- <u>6. The Latest from PCORI -Applicant Training Events; Medical Device Industry Webinar; Hep C</u> Workshop

EVENTS →

- 1. MGH New Faculty Orientation
- 2. CRP Spotlight Series: CRC Discussion Group on Epic
- 3. Boston Single Cell Network Meetings

FUNDING OPPORTUNITIES >

- 1. The MGH Research Scholars Program
- 2. Limited Submission Funding Opportunities
- 3. Private Funding Opportunities
- NIH Update for Week Ending October 10, 2014

IN CASE YOU MISSED IT ▶

Reminders of recently posted funding opportunities, deadlines and events

SEARCH ECOR

FIND A RESEARCHER
FIND A DOCTOR
CONTACT US

ABOUT ECOR

MEETINGS & EVENTS

AWARDS & GRANTS

RESEARCH NEWS

INITIATIVES

Research News

Research News - September 26, 2014

Research News - September 19, 2014

Research News - September 12, 2014

Research News - September 5, 2014

MGH Research News

Research News

Click below to read the current or past issues of the MGH Research News....

ISSUES					
10/3	10/10	10/17	10/24	10/30	
9/5	9/12	9/19	9/26		
8/1	8/8	8/15	8/22	8/29	
7/3	7/11	7/18	7/25		
6/6	6/13	6/20	6/27		
5/2	5/9	5/16	5/23	5/30	
4/4	4/11	4/18	4/25		
3/7	3/14	3/21	3/28		
2/7	2/14	2/21	2/28		
1/3	1/10	1/17	1/24	1/31	
12/6	12/13	12/20	12/27		
11/1	11/8	11/15	11/22	11/29	
10/4	10/11	10/18	10/25		
	9/5 8/1 7/3 6/6 5/2 4/4 3/7 2/7 1/3 12/6 11/1	9/5 9/12 8/1 8/8 7/3 7/11 6/6 6/13 5/2 5/9 4/4 4/11 3/7 3/14 2/7 2/14 1/3 1/10 12/6 12/13 11/1 11/8	10/3 10/10 10/17 9/5 9/12 9/19 8/1 8/8 8/15 7/3 7/11 7/18 6/6 6/13 6/20 5/2 5/9 5/16 4/4 4/11 4/18 3/7 3/14 3/21 2/7 2/14 2/21 1/3 1/10 1/17 12/6 12/13 12/20 11/1 11/8 11/15	10/3 10/10 10/17 10/24 9/5 9/12 9/19 9/26 8/1 8/8 8/15 8/22 7/3 7/11 7/18 7/25 6/6 6/13 6/20 6/27 5/2 5/9 5/16 5/23 4/4 4/11 4/18 4/25 3/7 3/14 3/21 3/28 2/7 2/14 2/21 2/28 1/3 1/10 1/17 1/24 12/6 12/13 12/20 12/27 11/1 11/8 11/15 11/22	10/3 10/10 10/17 10/24 10/30 9/5 9/12 9/19 9/26 8/1 8/8 8/15 8/22 8/29 7/3 7/11 7/18 7/25 6/6 6/13 6/20 6/27 5/2 5/9 5/16 5/23 5/30 4/4 4/11 4/18 4/25 3/7 3/14 3/21 3/28 2/7 2/14 2/21 2/28 1/3 1/10 1/17 1/24 1/31 12/6 12/13 12/20 12/27 11/1 11/8 11/15 11/22 11/29

If you do not currently receive MGH Research News, please email ecor@mgh.harvard.edu to be added to our distribution list!



SEARCH ECOR

FIND A RESEARCHER

FIND A DOCTOR

CONTACT US

ABOUT ECOR

MEETINGS & EVENTS

AWARDS & GRANTS

RESEARCH NEWS

INITIATIVES

Awards & Grants

ECOR Online Grant Management Portal

ECOR Faculty Awards

ECOR Interim Support

ECOR Post Doctoral Awards

External Funding Opportunities

Pew Scholars Program

Smith Family Foundation for Biomedical Research

Limited Submission Funding Opportunities

Standard ECOR Application Forms

COS Pivot -- External Funding Search Engine

Limited Submission Funding Opportunities

All Mass General investigators interested in applying for a limited submission award submit a letter of intent (see detailed instructions below) to the Executive Committee on Research (ECOR) by the deadline indicated for each award to be considered for an institutional nomination.

Submission Process

Submit a one- to two-page letter of intent (LOI) to the Mass General Executive Committee on Research (ECOR) via email to ecor@partners.org. In addition to your LOI, please include an NIH Biosketch.

The letter of intent should include:

- 1. Name of the Principal Investigator with appropriate contact information
- 2. A descriptive title of the potential application
- 3. Brief description of the project
- 4. Brief description of why you should be selected to receive an institutional nomination for this award

In the event that more than one Mass General investigator is interested in applying for a limited submission award, the LOIs will be used to assess candidates, and a review and selection process will take place.

Click here for urrent limited submission opportunities. If you have any questions about limited funding opportunities or our process, please contact Erin McGivney at emcgivney@partners.org or 617-643-6471.









MGH Research News





October 10, 2014

ANNOUNCEMENTS ▶

- 1. Research Council slides posted!
- 2. Animal Researchers notice of the AAALAC Site Visit November 3rd
- 3. Harvard purchasing program ending October 28, 2014
- 4. Core of the Week: MGH Histopathology Research Core
- 5. Research Navigator Tips: Watch a Video Tutorial
- 6. The Latest from PCORI -Applicant Training Events; Medical Device Industry Webinar; Hep C Workshop

EVENTS →

- 1. MGH New Faculty Orientation
- 2. CRP Spotlight Series: CRC Discussion Group on Epic
- 3. Boston Single Cell Network Meetings

FUNDING OPPORTUNITIES >

- 1. The MGH Research Scholars Program
- 2. Limited Submission Funding Opportunities
- 3. Private Funding Opportunities
- 4. NIH Update for Week Ending October 10, 2014

IN CASE YOU MISSED IT ▶

Reminders of recently posted funding opportunities, deadlines and events

Awards & Grants

ECOR Online Grant Management Portal

ECOR Faculty Awards

ECOR Interim Support

ECOR Post Doctoral Awards

External Funding Opportunities

Standard ECOR Application Forms

COS Pivot -- External Funding Search Engine



COS Pivot -- External Funding Search Engine

Through our affiliation with Harvard University, <u>all Partners and MGH faculty, staff, and students</u> have access to the funding opps database, <u>COS Pivot. Pivot includes grants</u>, awards, prizes, and fellowships, as well as support for travel, conferences, and equipment acquisition. It contains information about government, philanthropic, industry, and international funding opportunities from across scientific disciplines. Pivot allows researchers to easily limit results by criteria including citizenship or residency, geographic location, or professional rank.

Additionally, **COS Pivot Funding Alerts** provide researchers with a weekly, individualized notification of new & updated funding opportunities based on the user's saved searches.

Trainging Materials

For more information and training materials, please see http://pivot.desk.com. There you will find instructional videos and webinar schedules as well as user guides and FAQs.

You may also schedule an individual research consultation or group workshop on the use Pivot. Please contact **Amy Robb** (arobb@mgh.harvard.edu) in the MGH Office of Development to schedule a time to talk about your research funding needs.

Register

Set up a username and password to access the database, save searches, and track individual funding opportunities.

- G to http://pivot.cos.com/register.
- Use your perhaps orgon by Jurd.edu email and select Harvard University as the affiliated institution.
- Once you've created a password, you'll receive an automated email message. Click on the link provided in that message to confirm your account.
- 4. Login to the database using your email and password.

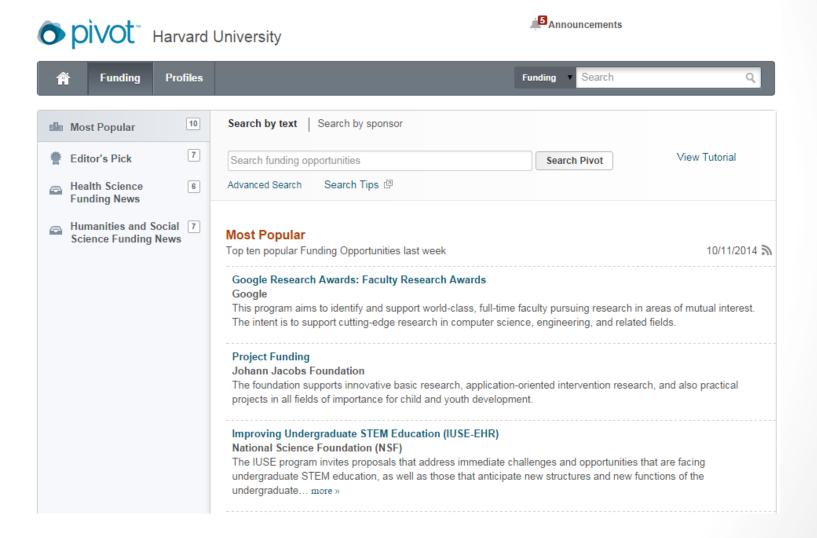
Search Strategies

Search individual concepts of your research separately—if you study depression in stroke patients, search topics of (DEPRESS* or "MENTAL HEALTH") separately from those around (STROKE or NEURO* or VASCULAR).

You can further limit your results by describing what kind of research you're doing. Terms like CLINICAL, TRANSLATIONAL, BASIC, COMPUTATIONAL, DRUG DISCOVERY, PATIENT EDUCATION, etc. can be useful in identifying appropriate opportunities.

External Funding

COS Pivot – http://pivot.cos.com



SRRP Leadership

Four co-chairs

- Iain Drummond, PhD (Nephrology)
- Robert Gerszten, MD (Cardiology)
- Karen Miller, MD (Neuroendocrine)
- Kristin White, PhD (Dermatology)

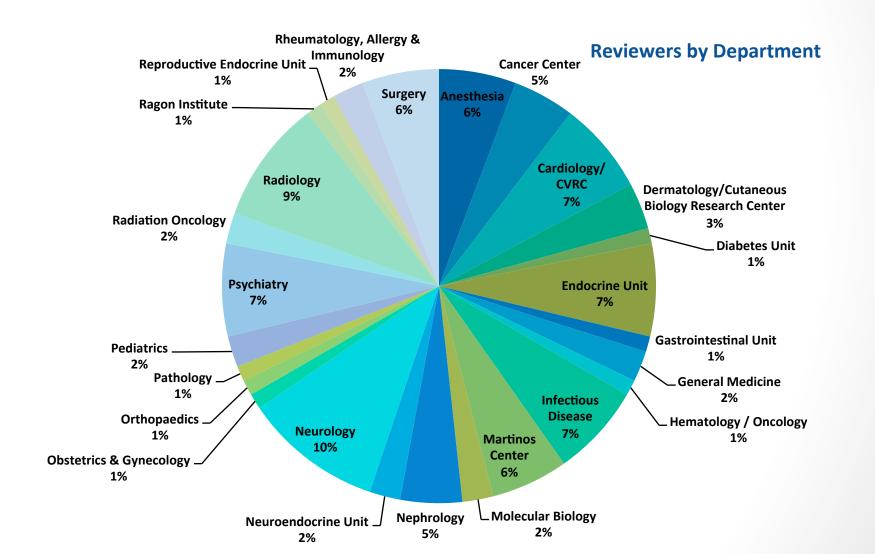
What is SRRP?

Subcommittee on Review of Research Proposals (SRRP)

- Reviews the funding applications submitted to ECOR and performs preliminary reviews for external single institution nominations
- In evaluating applications, SRRP considers the candidate, the training environment, and the quality and relevance of the proposed study.
- The SRRP Subcommittees are panels composed of a diverse set of reviewers from across the institution.

Composition of SRRP

20 Professors, 28 Associate Professors, 38 Assistant Professors, 1 Instructor



Become a Reviewer!

 All faculty members are welcome to apply join this subcommittee

 To be eligible to review ISF, reviewers are required to have NIH study section experience MY ECOR APPLICATIONS

MY PROFILE

CURRENT OPPORTUNITIES

Do you want to be an SRRP reviewer?

LOGOUT

My ECOR Grants Profile Page

Please fill out the information requested below and it will be used for processing ECOR grants.

Please visit frequently and update your profile as information changes.

First*	Last*	Email*	Phone*
John	Citizen	ecor@mgh.harvard.edu	6176437420
Degrees*	Academic Rank* Assistant Profe	essor •	
Department Chief*		Department	Department Code
Armstrong 30AA, (Katri	ina) ▼	Medicine	30AA
Grant Admin		Grant Admin Email	Grant Admin Phone
Delegate For ①		My Delegates ①	

Save Profile

Grant Applications Reviewed by SRRP

ECOR Faculty Awards

- Claflin Distinguished Scholar Awards
- H.M. Goodman Fellowship
- MGH MAO Physician-Scientist Development Award

ECOR Postdoctoral Awards

Tosteson and Fund for Medical Discovery Fellowship

ECOR Interim Support Grants

- Deliberative Interim Support Funding
- Formulaic Bridge Funding
- Sequestration Relief Funding

External Award Nominations

Pew Scholars and Smith Family Foundation Awards

How are Reviews Conducted

Online Review

- Complete a quality assurance check
- Reviewers are asked to rank all applications
 - Due to sheer volume, some reviews are conducted in multiple rounds
 - In the final round of review, all reviewers read all applications
 - The review process is about ~4 weeks per round.

Review Meeting (led by a minimum of 2 co-chairs)

- The Co-Chairs establish the meeting rules (Policies and Practices)
- Open discussion follows

Policies and Practices

Conflict of interest policy

- Reviewers should carefully evaluate whether or not their role, or relationship to the applicant, will significantly bias the review of the application (i.e. a major collaborator, co-author, advisor, advisee, close friend or relative)

Confidentiality

- Remind reviewers of the confidentiality of the process and that they cannot divulge the results

Recusal guidelines

 Unlike NIH, we do not expect that reviewers will recuse themselves for being colleagues. If a reviewer feels unable to provide an objective evaluation of an application, they are expected to recuse themselves from the review of the application.

Discussion

'Triage'

- From the list of ranked proposals, a cut-off line for discussion is proposed based on the number of final awards
- Invite reviewers to "rescue" applications from triage

Top ranks

- Obtain consensus on the top tier of applicants (number depends on the award type and number of applicants)
- Invite reviewers to comment on anyone above that line and discuss any differences

Discussion (cont'd.)

The middle ground – usually the most complex part

- Invite comment on all remaining people above the cut-off line
- Normally ask the person who has ranked them highest and the person who has ranked them lowest to comment why. Then open the application up for discussion.
- Applications are ranked by consensus.
- Always have at least one alternate selected.

Final step – Funding recommendations are reviewed for final approval by the ECOR Executive Committee.

Why We Can't Provide Feedback

Applicants are not provided with written or oral critiques of their applications, due to:

Volume

- MGH research is highly diverse. To make use of the broad expertise of the review panel, most reviews involve reading 20+ applications over the course of 2-3 weeks.
- In person panel discussion is important for the final ranking
- REMEMBER the review committee is comprised of your peers,
 who have many other responsibilities!

Integrity of review

- Possible detriment to working relationships
- Potential for inappropriate pressure on reviewers

Other Ways to Obtain Feedback

- Review by colleagues prior to submission
 - Find people who will give you a true critique, not just fixing a word or two
 - The most useful comments can come from colleagues outside of your direct area of expertise, as they more closely resemble the review panel
- You can learn about the process by serving as a reviewer

ISF Overview

Two funding mechanisms exist to support our researchers during a lapse or delay in funding:

Formulaic Bridge Support (FBS):

Investigators whose grants received scores <20th percentile

Deliberative Interim Support Fund (ISF):

- Investigators whose grants received scores >20th percentile
- Investigators whose grants were not scored or whose scores were not converted to a percentile ranking

ISF Eligibility

- PIs pursuing either basic or clinical research are eligible
- MGH appointment at the time of application and during the entire award period
- Types of Awards:
 - R01, R21, DOD
 - Program Project Grant (PPG) applications are eligible, but awards are limited to 50% (e.g. a PPG with four projects cannot get Deliberative ISF for more than two Projects ever)
- New award applications and competing award applications (both A0 and A1) are eligible
- A PI can only submit one application per review cycle

Updates to the ISF Program

- Increased interim support!
 - From \$50,000 to \$75,000 (plus 15% = \$86,250 TDC)
 - For all RO1s (formulaic and deliberative)
- Additional ISF funds available under exceptionally difficult circumstances
 - A maximum of \$150,000 in extra funds
 - This extra support will be sourced <u>50:50</u> with Dept

```
$150,000 ($75K base + $75K additional) from ECOR
```

\$ 75,000 sourced from Department

\$225,000 maximum total award

New Sequestration Relief Fund

 Researcher with funding shortfalls on federal funded grants due to sequestration can petition ECOR for financial support.

ELIGIBILITY

- Only Direct Costs (DC) can be requested.
 - NIH Indirect Costs (IDC) are not covered by this award
- All funding requests received via this mechanism <u>must include</u> justification that they are a sequestration-related shortfall.
- PIs should consolidate their requests into a single application.
- Requires departmental endorsement
 - Awarded support will be sourced 50:50 with Department

ECOR's Interim Support Overview

Mechanism	NIH % (if applicable)	Grant Type	Base Award Amount	Additional Funding (up to \$150K) available?	Accepting Applications	Application Deadlines
Formulaic Bridge Funding	< or = 20th percentile	R01s & R21s	 \$75,000 (R01s or equivalent) \$37,500 (R21s) 	Yes	Monthly	7th day of each month
Deliberative Interim Support Funding (ISF)	>20th percentile & un-scored	R01s, R21s, P01s, U01s, DOD & NSF	 \$75,000 (R01s or equivalent) \$37,500 (R21s) 	Yes	3 calls per year	April 1August 1December 1
Sequestration Relief Funding	Sequestration related funding shortfall	A funded grant which has been short funded or cut or federal agency (e.g. NIH) grant type not covered by the ISF mechanism	No base amount (N/A)	N/A	3 calls per year	April 1August 1December 1

Caveats

- If a PI has already received Formulaic Bridge Funding or Deliberative Interim Support on their A0 grant application, they must apply through the Deliberative ISF regardless of the score they received on their resubmitted grant.
- If an ISF or FBS grant is given and the submitted proposal to the NIH is funded, any unspent portion of the ISF award must be returned to ECOR.

 If any departmental funds were used to match the ECOR award, ECOR will consult the chief prior to collecting the unspent funds and closing the account.

What Makes a Good ISF Application?

Reviewers consider these factors in ranking your application:

- Scientific quality of the proposal: reviewers judge the scientific quality and enthusiasm for the proposed research, and the scientific standing of the principle investigator.
- The likelihood of funding on resubmission: The Response to Reviews is a very important element in a resubmission. A complete and thorough response, whether it is with new data, or removal of troublesome aims, or by a well-reasoned rebuttal, is a strong indicator of the likelihood of success.

What Makes a Good ISF Application? (cont'd.)

- Applicant's research trajectory: The Biosketch provides a pretty clear indicator of where the PI stands in his/her field. A strong publication record indicates a highly productive research program.
- Importance to the department and institution: Does the chief's letter indicate that the PI is a valued member of the department? Does the success of the PI's research program influence other research in the department? Has the PI provided valuable service to the department or institution?
- Financial need: Is there evidence of financial need? Will the applicant face loss of his/her position at MGH if no ISF support is offered?

Return on Investment

ROI = <u>Gain from Investment – Cost of Investment</u> Cost of Investment

	Total ISF Awarded		Tota	ROI	
Formulaic	219	\$ 13,000,000	129	\$ 213,000,000	15:1
Deliberative	305	\$ 19,700,000	101	\$ 163,600,000	7:1
Total	524	\$ 32,700,000	230	\$ 376,600,000	10:1

ISF Awards and NIH Funds Received from 2006 – September 2014

Tosteson & FMD Fellowships

The Tosteson & FMD Awards are intended to support junior investigators

- There are three calls for these award:
 - Two calls for basic or clinical research
 - One call focused on clinical research
- Amount of each award: \$40,000 plus applicable fringe benefits and 15% indirect costs for one year
- Number of Awards given: 22

FMD Clinical Fellowships

The following definition for Clinical Research (from the NIH Grants Policy Statement Glossary) is used to assess eligibility:

- 1. Patient-oriented research: Research conducted with human subjects (or on material of human origin such as tissues, specimens, and cognitive phenomena) for which an investigator directly interacts with human subjects. *In vitro* studies that utilize human tissues that cannot be linked to an individual are therefore not eligible for this award. Patient-oriented research includes:
- Mechanisms of human disease
- Therapeutic intervention
- Clinical trials
- Development of new technologies
- 2. Epidemiological and behavioral studies
- 3. Outcomes and health services research

What makes a good application?

Reviewers consider these factors in ranking your application:

- Scientific quality of the proposal
 - Is the proposal designed to address an important question and have a significant impact?
 - Is the proposal well written and clearly organized?
 - Is the proposal innovative or has the applicant developed a new system to make discoveries?
 - Can the work reasonably be done in a year?
 - Are pitfalls and alternative approaches adequately considered?
 - Is the preliminary data convincing?

What makes a good application?

Trajectory

- Do their publications, proposal and the mentor's letter indicate that they are formulating their own research ideas?
- Does the applicant have an appropriate number of publications from their graduate and postdoc years?
 Are the publications important to the field?
- Is there an indication that the applicant is on a pathway to independence?

What Makes a Good Application?

- Mentorship
 - Does the applicant have strong support from their mentor? Is the mentor committed to developing the
 - Applicant's independent career?
 - Does the mentor provide a comprehensive training plan for the applicant, including opportunities to learn new techniques, present their research data, and interact with other researchers? Does the training plan fit with the applicant's career goals?
 - Has the mentor successfully trained other fellows?

What Makes a Good Application?

General suggestions

- Make sure that you are eligible to apply, based on the information provided in the call for applications.
- Consider whether this is the best time for you to submit a proposal. Only one application per year is allowed, so if you will be in a better position in terms of publications or preliminary data in a few months, it is best to wait.
- Please carefully proofread all sections of your proposal.
 Prepare well in advance and ask your mentor to read the entire proposal. If you need help with grammar, please have a colleague read a final proof.

More tips:

https://ecor.mgh.harvard.edu/GrantManager/content/files/ How to write a competitive FMD application.pdf

Claflin Awards

- In 1993, the Claflin Awards were established by the Women in Academic Medicine Committee
 - First chair: Mrs. Jane D. Claflin
 - Recognition that a significant obstacle to career advancement of female junior faculty members is the difficulty of maintaining research productivity during the child-rearing years
 - With sponsorship and funding from ECOR, the Claflin Distinguished Scholar Award Program was established
 - First grants were awarded in 1997

Purpose of the Claflin Awards

- Support the research programs of junior female faculty at MGH who show evidence of promising academic careers during a time of significant child-rearing responsibilities
- Funds may be used to support a technician, study coordinator, postdoctoral fellow, graduate student and/or supplies.
 - Cannot be used to support the investigator's salary
- Provides \$50,000 per year in direct costs

Retention as of 2012

82
recipients
awarded
between
1997 – 2012

66
recipients are
still faculty at
MGH

Of the 66 awardees still at MGH

- 46 have been promoted (70%)
- 53 had received grants (80%)

Eligibility for Claflin Awards

- Both basic and clinical MGH investigators are eligible to apply
- MD, PhD, or equivalent advanced degree
- Candidate must be within <u>10 years</u> of first full-time faculty appointment at the time the award is initiated, cumulative of all institutions, inside or outside the United States
- Academic appointment at the level of instructor or assistant professor at Harvard Medical School
- Primary full-time appointment at MGH
 - Conducting research at MGH

Eligibility for Claflin Awards (cont'd.)

 Evidence of salary support from a grant or other funding source

 Submission of a project description on which the applicant is clearly the principal investigator and whose academic progress would benefit from such funding support

Responsible for care of children

What are the Elements of a Competitive Application?

- Evidence of potential for a successful academic career
 - Research proposal of high scientific quality
 - Strong publication record with first-author papers
 - Strong supporting letters
 - Other evidence of early academic success
 - Awards or other recognition for academic achievement

What are the Elements of a Competitive Application?

- Evidence of funding
 - NIH (for example, a K or R award), foundation or other similar award(s) more strongly weighted than departmental support
 - Provide evidence of successful peer review and candidate's potential to secure future funding

Questions?

