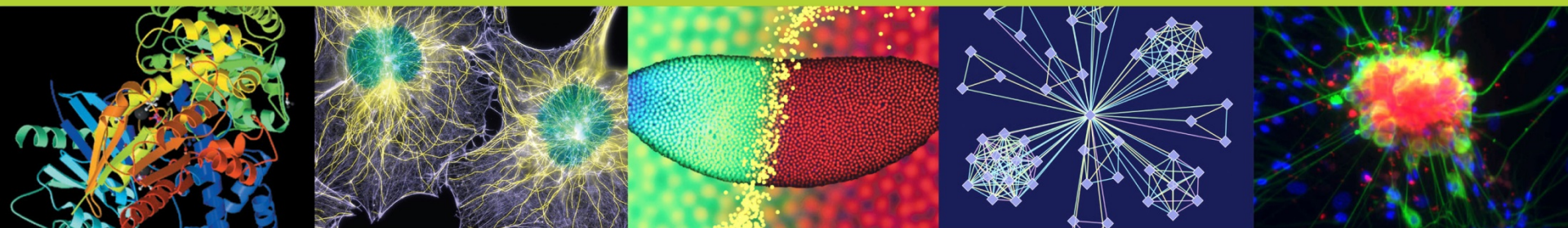


Maximizing Investigators' Research Award Early Stage Investigators (R35)

STARTING SOON





National Institute of
General Medical Sciences

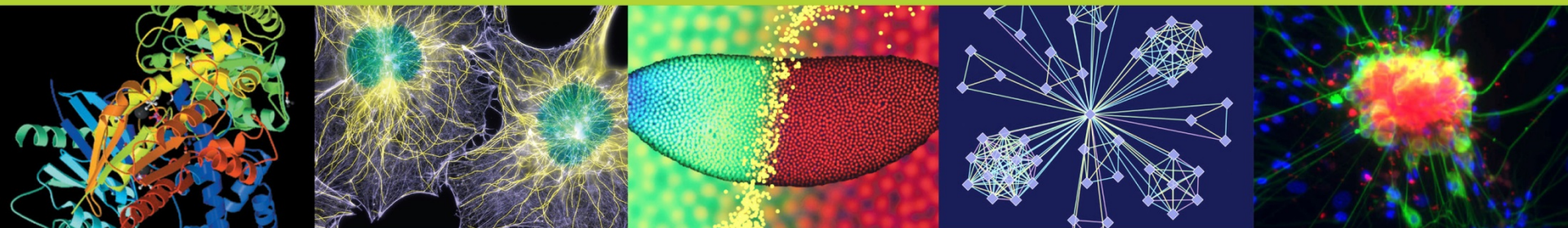


Maximizing Investigators' Research Award Early Stage Investigators (R35)

**Kris Willis, Peter Preusch, Vernon Anderson, & Oleg Barski,
Program Directors, NIGMS**

Lisa Moeller, Grants Management Branch, NIGMS

Lisa Dunbar, Office of Scientific Review, NIGMS



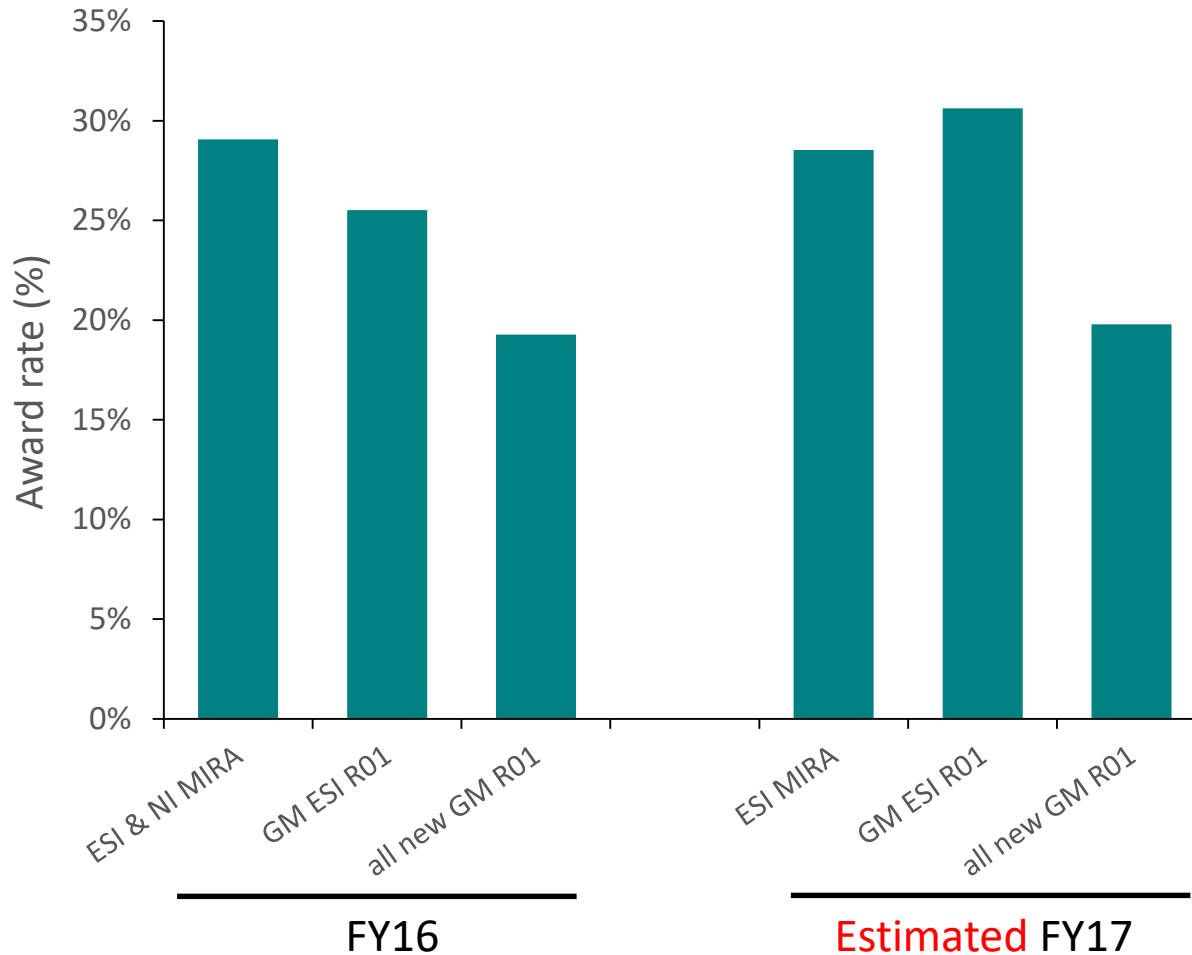
NIGMS Goals for the MIRA Program

- Improve the efficiency and effectiveness of its support for basic biomedical research
- Increase the stability of investigator funding
- Enhance investigators' ability to take on ambitious scientific problems creatively
- Increase the flexibility for investigators to follow important new research directions
- Improve the distribution of funding to improve overall scientific productivity and the chances for important breakthroughs
- Reduce the time spent by researchers writing and reviewing grant applications

Topics for Today's Webinar

- Data on NIGMS award rates
- Reporting and administration of your MIRA
- What your MIRA supports
 - What research is considered within (or outside) the NIGMS mission?
 - What other funds are available?
 - What about collaborations?
- MIRA renewal process

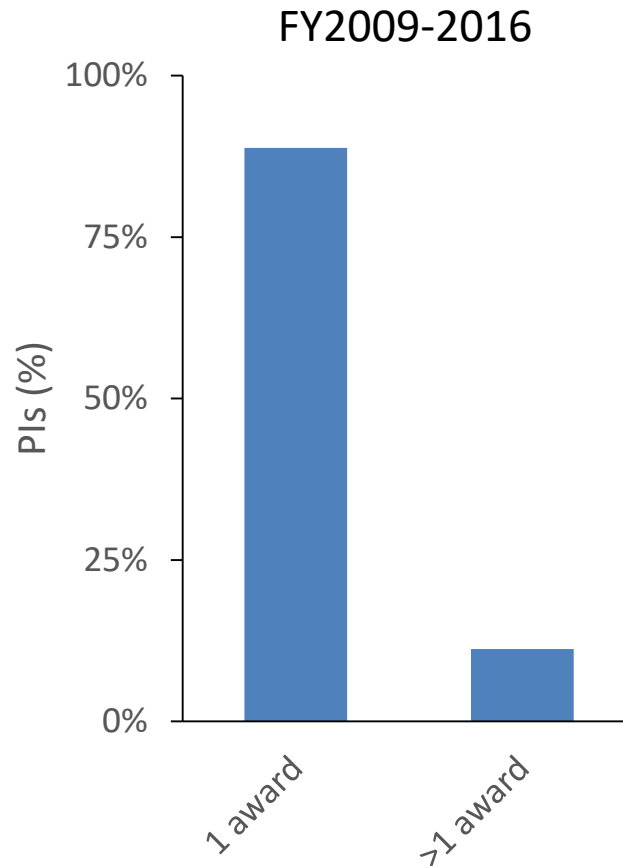
Award Rates for ESI MIRA so far



Watch the recent open session of NAGMS Council for more data:

<https://videocast.nih.gov/Summary.asp?Live=26224&bhcp=1>

Only ~10% of PIs receive a second award from NIGMS during the period of their first R01



More data available on the NIGMS Feedback Loop:

<https://loop.nigms.nih.gov/2017/04/a-historical-analysis-of-nigms-early-stage-investigators-awards-and-funding/>

Annual Reporting Requirements

- Annual Research Performance Progress Report (RPPR) – due 45 days prior to next budget start date
- Submitted via eRA Commons – also provides exact due date
 - More info can be found at <https://grants.nih.gov/grants/rppr/index.htm>
- Modified RPPR instructions as per Funding Opportunity Announcement (FOA)
 - Section B.1.a.. What are major goals of project? If goals of MIRA changed, provide rationale for changes in context of originally proposed research program and further contributions to field, and an explanation of how the research continues to fit NIGMS mission
 - Section D.2.c. Additional info to be provided: indicate changes in Other Support. If changes, provide revised Other Support page w/ explanation of relationship of new awards to the activities supported by MIRA

NIH Prior Approval

- Addition of a new foreign component (MIRA funds cannot be used for foreign component)
- Addition/change of Animal or Human Subjects Research (NOT-OD-15-128), stem cells, select agents
- Absence for any continuous period of 3 months or more and/or reduction to committed effort of 25% or more
- Summary of complete list in NIH Grants Policy Statement (GPS) - https://grants.nih.gov/grants/policy/nihgps/HTML5/section_8/8.1_changes_in_project_and_budget.htm#Prior
- Specific to MIRAs - Temporary reduction to MIRA 51% research effort requirement – sabbatical leave, medical conditions, disability, military service, personal/family situations i.e., child/eldercare
- Submitted in writing (email) with AOR concurrence to NIGMS Grants Management Specialist (listed on Notice of Award) 30 days prior to effective date
- MIRAs issued with automatic carryover – prior approval not required

Changing Institutions

- Let your NIGMS Program Director and Grants Management Specialist know as soon as you know
- Prior approval request – transfer application due 2 months prior to expected transfer date
- Current institution must relinquish the grant
- Transfer application submitted electronically
- Specific To MIRAs - new institution submits letter of support with institutional commitment to development of PI and statement PI will commit min. 51% research effort to MIRA and will not apply for additional NIGMS support except as provided in Section I of FOA

Allowable Costs and Rebudgeting

- When in doubt, contact your institution's sponsored programs office first - must follow grantee institution's policies/procedures
- Direct vs. Indirect Costs
- Table of allowable costs (NIH GPS Section 7.9.1) - https://grants.nih.gov/grants/policy/nihgps/HTML5/section_7/7.9_allowability_of_costs_activities.htm#Selected
- Rebudgeting allowed except for change in scope – potential indicators of change of scope listed in NIH GPS Section 8.1.2.5 - https://grants.nih.gov/grants/policy/nihgps/HTML5/section_8/8.1_changes_in_project_and_budget.htm#Prior

Extensions

- First no-cost extension via the eRA Commons No-Cost Extension feature
 - Electronically notifies NIH that you are exercising your one-time authority to extend the project period w/o additional funds
 - Can extend grant for up to 12 months
 - Link available to grantee 90 days before the project period end date up to last day
 - Check with your sponsored programs office regarding who has the authority/role to execute action via eRA Commons

MIRA Effort Requirement

51% research effort – does not include your effort toward teaching, administration and/or clinical duties

How far is too far out for MIRA?

- The MIRA program encourages exploration of the most interesting and productive scientific opportunities in your lab...as long as they remain in mission of NIGMS.
- What is the NIGMS mission?
- What is not in the NIGMS mission?

How far is too far out for MIRA?

NIGMS MIRA Topic

- Oogenesis in worm
- Neurodevelopment in fly
- Structure-based drug design
- Metabolism in *M. smegmatis*
- Myosins in subcellular traffic
- Myosins in non-muscle cells
- LC-MS method development

NIGMS or not?

- Oogenesis in human
- Neurodegeneration in mouse
- Cancer drug development
- Clinical isolates *M. tuberculosis*
- Kinesins in subcellular traffic
- Myosins in cardiac muscle
- Application to clinical samples

Can I apply to another part of NIH?

- Basic, translational, or clinical research that is clearly in the mission of another institute.
- Avoid scientific or budgetary overlap.
- Maintain required 51% research effort on MIRA.
- Cite MIRA grant support, only, if appropriate.
- Beware of over-extension and failure of both projects.

May I apply for a supplement?

- Administrative Supplement
 - Diversity Supplement, Reentry Supplement - Yes
 - Other NIGMS advertised opportunities - Yes
 - Equipment supplements – Yes
 - Addition of human subjects – Maybe. Discuss with your Program Director
 - Addition of vertebrate animals - No
 - I just need more money – No
- Competing Supplement (Revision) - No

Can I support collaborators?

- NIGMS encourages collaboration.
- Collaboration need not involve money.
- Co-investigator at your institution can receive support from your MIRA.
- Investigator at another institution can receive a subcontract.
- Foreign collaboration requires prior approval and cannot receive funds from MIRA.

Collaborate on another GM grant?

- Collaboration is encouraged – it is part of your program!
- But you cannot accept additional funding from a GM grant except as mentioned in the FOA:
 - Grants supporting research resources;
 - Contracts and selected cooperative agreements;
 - Grants supporting training, workforce development or diversity building;
 - Funding for clinical trials;
 - INBRE (P20), COBRE (P20/P30) or IDeA-CTRs (U54);
 - SBIR/STTR grants;
 - Conference grants;
 - Grants supported through NIGMS HIV/AIDS-related FOAs.

MIRA Renewals

- NIGMS anticipates issuing an FOA including an option for renewal in 2019 with receipt dates in 2020
- For 2016 MIRA recipients, plan on applying in 2020;
For 2017 MIRA recipients, plan on applying in 2021
- Applications will be for the established PI MIRA program, both new and renewal applications
- Well-justified increases will be considered
- Alternatively, a new R01 may be submitted

Peer Review of Renewal MIRAs

- Review will be done by CSR.
- Plan is to have MIRAs reviewed in SEPs - not standing study sections.
- Your renewals will be reviewed together with new and renewal applications from established investigator MIRAs, but reviewers will be asked to take your career stage into account.
- Review will be both retrospective and prospective; productivity on your MIRA during the initial grant period is important.

What is the likely success rate for MIRA renewals?

- The success rate will depend on NIGMS' appropriation and the amount of funds already committed to ongoing grants.
- We expect that the success rate for MIRA renewals will be roughly equivalent to the success rate for the renewal of R01s.

What about the advertised ramp-down of funds if I don't do well enough to be funded?

- Applications that are good but not funded may receive support in the form of bridge funding for about a year to allow the PI time to reapply.
- Exact formula for bridge funding has not been developed yet.
- Extent of bridge funding will depend on NIGMS' budget.

If my renewal is not funded, may I submit another MIRA application?

It's likely that the FOA for MIRA competing continuation applications will allow resubmissions.

Questions

- Click on the chat icon at the bottom left of your screen.
- We will try to answer as many questions as we can.
- Remember that everything you type will be public.
- If you have a question specific to your own MIRA, please contact your program director or grants management specialist directly.

We will post this webinar on the NIGMS website at

<https://www.nigms.nih.gov/Research/mechanisms/MIRA/Pages/default.aspx>