



National Institute of
General Medical Sciences



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National Institute of General
Medical Sciences (NIGMS)

National Institutes of Health (NIH)

Division of Training, Workforce
Development, and Diversity
(TWD)

NIGMS Supplement Programs

Disclaimer

- This presentation and accompanying slides are for informational purposes only. They serve as an overview of NIGMS programs and are not meant to be comprehensive in coverage of all required components of a program or an application.
- Applicants are responsible for following the instructions detailed in the Notice Of Funding Opportunity announcements (NOFOs) and any Related Notices (included in the NOFO's Overview Information section), and the [SF424 Application Guide](#).

Presentation Outline

- Diversity Supplements
- Re-entry and re-integration supplements
- Life-event supplements

Administrative Supplements

- NIGMS active awardees may apply for administrative supplements to improve the diversity of the scientific workforce or to facilitate re-entry/re-integration into the workforce of individuals who have taken time off to attend to family, medical, or other responsibilities
- To address unforeseen life event circumstances that are seriously impeding progress on the funded project

Administrative supplement opportunities

- Diversity Supplement Program
 - [PA-23-189](#)
- Re-entry/Re-integration Supplement
 - [NOT-OD-23-170](#)
- Life Event Supplement
 - [NOT-OD-23-031](#)
 - [NOT-OD-23-032](#)

Research Supplements to Promote Diversity in Health-Related Research

PA-23-189

- **Goal:** To improve the diversity of the research workforce by recruiting and supporting high school and undergraduate students, postbacs, masters, predocs, postdocs, and early-career investigators developing independent projects from groups that have been shown to be underrepresented to participate in grant supported research.
- Also available to PI's of eligible research grants who are or become disabled and need support and accommodations.
- Several participating ICs: https://grants.nih.gov/grants/guide/contacts/Diversity-Supp_contacts.html
 - Depending upon the IC, there are different rules for eligibility, submission, etc.
 - **Be sure to reach out to the IC contact to discuss before applying.**

Contact your IC!

- Deadlines, allowances, and more vary by ICs, as do priorities for which levels of diversity supplement to support. **Always** contact the scientific contact of the IC of interest before applying

National Institute of General Medical Sciences (NIGMS)

Scientific Contact:

Applicants should contact the NIGMS Diversity Supplement Program co-Directors listed on the program webpage.

NIGMS Research Supplement to Promote Diversity in Health-Related Research

Email: NIGMS-DSP@nigms.nih.gov

Grants Management Contact:

Grace Olascoaga

Email: olascoag@nigms.nih.gov

https://grants.nih.gov/grants/guide/contacts/Diversity-Supp_contacts.html

Research Supplements to Promote Diversity-Eligibility

- **Eligibility includes**– Individuals, US Citizens or Permanent Residents who are underrepresented, for example:
 - Racial and ethnic groups
 - Individuals with disabilities
 - Individuals from disadvantaged backgrounds
- **Grantee**-Institution identified eligible individuals
 - Institutions are encouraged to identify candidates who will enhance diversity on a national basis
 - LGBTQ+ individuals

Research Supplements to Promote Diversity- continued

- A recruitment tool focused on diversifying the biomedical workforce. Want to see a clear detailed plan that shows you have positive intentions with the student recruited to your lab and plans for them to be successful.
- Overall application requirements may vary by IC.
- Support across the educational levels, and maximum support at each level, may vary.
- Collaborations are possible- reach out to the IC contact.
- Most research project grants are eligible (R01, R35, R16, DP2, U01, etc.).
- Training grants (T-awards) and K-awards are not eligible.
- SCORE (limited), R16, INBRE, COBRE now eligible

Diversity supplement categories

High school, Undergrad, Postbac

- **Typically provide 12 months of support**
- High school and undergraduate students: Support for at least three months is encouraged during any one year. This may include a combination of full-time summer experience and part-time experience during the school year.
- Opportunity to support the development of individuals at early stages in their education
- Students are expected to devote sufficient effort to the research project and related activities during the period of support to gain insight into the process of scientific discovery
- Up to 3 high school and undergraduates can be supported per parent grant
- 1 postbac can be supported per parent

Masters, Pre-doc, Postdoc

- **Typically provide 24 months (maximum length) of support**
- Supports the development and mentored training to prepare students for independent careers in the biomedical research workforce.
- Individualized training that considers the career aspirations of the candidate and focuses on the development of the skills needed to transition into careers.
- Only 1 masters, or predoc, or postdoc student can be supported per parent award

Diversity supplements: Application components

Research Experience Plan	Mentoring Plan	Career Development Plan
<ul style="list-style-type: none">• Tailored to the candidates' training level and biomedical career aspirations.• <u>Individual Development Plans</u> are expected to be employed and should inform the proposed plan (do not provide the copy of the plan but mention its use).• Candidate's strengths and weaknesses, and short- and long-term goals should be stated within the training plan.• The plan must be focused on the development of the candidate's skills and providing the support structures needed to transition into the next phase of the biomedical training/career pathway.	<ul style="list-style-type: none">• Applicants must describe stage-appropriate opportunities for developing the skills required to conduct responsible, safe, and rigorous research.• Training should focus on developing the candidate's technical (e.g., appropriate methods, technologies, and quantitative/computational approaches), operational (e.g., independent knowledge acquisition, rigorous experimental design, and interpretation of data) and professional (e.g., management, leadership, communication, and teamwork) skills.• How will mentored research experience (1) relate to the specific goals and objectives of the parent grant; (2) will expand and foster the skills of the candidate; and (3) contribute to the competitiveness of the candidate to transition into the next level in career path.	<ul style="list-style-type: none">• Detailed development plan with a timeline that is appropriate and individualized (completed IDP) to the candidate and is consistent with the candidate's short- and long-term career aspirations• Detailed timeline should include research milestones, courses, seminars, career preparation activities, scientific meetings, publication plan, etc.• Career and professional development activities informed by an IDP.

Developing Independent Investigators

- The investigator must have a doctoral degree, be beyond the level of a research trainee (post-residency and specialty training), and typically be employed at the junior faculty level (instructor or assistant professor).
- Receipt of previous funding from NIH as an independent PD/PI on a research grant (e.g., R01), as the project leader on a component of a program project or center grant (e.g., P01, P50, G12), or as PD/PI on an individual research career development award (e.g., K01, K02, K07, K08, and K23), makes investigator ineligible.
- Scholars on Institutional Career Development Award (K12, KL2) are eligible for this supplement program, following the completion of their expected career development appointment.

Re-entry supplements

NOT-OD-23-170

- **Re-entry supplement:** intended to provide mentored research training opportunities for a minimum of 1 year to re-enter biomedical research to individuals who have interrupted their research careers for family responsibilities or other qualifying circumstances.
- Application components similar to that of the diversity supplements

<https://www.nigms.nih.gov/Research/Mechanisms/Pages/PromoteReentry.aspx>

Re-integration supplements

NOT-OD-23-170

- **Re-integration supplement:** provide predoctoral and postdoctoral students, who are adversely affected by unsafe or discriminatory environments resulting from unlawful harassment, to rapidly transition into new safer, and more supportive research environments
- Application components similar to that of the diversity supplements

<https://www.nigms.nih.gov/Research/Mechanisms/Pages/PromoteReentry.aspx>

Re-entry/Re-integration eligibility

Re-entry	Re-integration
<ul style="list-style-type: none">• Candidate has a doctoral degree, such as an M.D., D.D.S., Ph.D., O.D., D.V.M. or equivalent• Must have been:<ul style="list-style-type: none">• In a postdoctoral or faculty position at the time they left active research• At the predoctoral level in a biomedical graduate program• Duration of the career interruption, in general, should not be less than 6 months	<ul style="list-style-type: none">• In an unsafe research environment because of discriminatory and unlawful harassment.• Aimed to support predoctoral and postdoctoral trainees

- Award may be made for up to 3 years but may not exceed the time remaining in the grant award period
- Requested salary and fringe benefits for a re-entry/re-integration candidate must be in accordance with the salary structure of the grantee institution, consistent with the level of effort.
- An additional amount of \$10,000 may be requested for supplies, domestic travel, and publication costs relevant to the proposed research.

Administrative Supplements for Continuity of Research During Critical Life Events

[NOT-OD-23-031](#) (career development (K) awards)

[NOT-OD-23-032](#) (first-time RPGs)

- **Goal:** To support career development (K) or first-time research project grant (R) awardees whose progress is likely to be hindered by a critical life event (e.g., childbirth, adoption, or primary caregiving responsibilities). To help awardees sustain research and remain competitive by minimizing impact of departure from the workforce.

<https://www.nigms.nih.gov/training/Pages/Administrative-Supplements-for-Continuity-of-Research-During-Critical-Life-Events.aspx>

Interested in applying?

- Carefully read through the entire NOFO or Notice, the eligibility criteria, and reach out to the Program Officer within the IC you fall under
- Final assessment on eligibility comes from the institution
- Confirm requirements of what to include in an application
- Be sure you are applying at the right time (all diversity supplements begin the 1st of the month, last possible start date is 9/1)
- Towards the end of the fiscal year (June-August), check if funds are still available for diversity supplements

Receipt and review of supplements

- In general
 - Rolling receipt, review, and funding.
 - Applications (FOR NIGMS) accepted from October 1- May 31
 - Internal review process, where we now use a revised spreadsheet (less emails, less paperwork)
 - No awards are made in October or November (may affect when submit application and start date request)
 - May run out of funds at the end of the fiscal year, so applications received in July or later *may* be considered in the next fiscal year.

Common application red flags

- Generic training plan that could be for any student or postdoc
- No career development training proposed
- No IDP (or equivalent) completed for masters, predoc, postdoc candidates
- Most of the career development are activities already offered as part of institutional programs
- Mentoring plan written by candidate
- Reason for supplement not strongly justified.
 - For diversity supplement: applications must **convincingly demonstrate the need for the support** in the student's academic career trajectory.
 - For life event supplement: must provide evidence that the event has or will impact the advancement of the awardee's research project or productivity

Grant Writing Webinar Series

**Webinar 1 - Before Writing:
Faculty Readiness & Submission Considerations**

**Webinar 2 - Determining Whether a Funding
Opportunity is Right for You**

Webinar 3 – Writing a Competitive Application

Grant Writing Resources

- NIGMS TWD “Training Resources” webpage
- NIH “How to Apply” training videos
- NINDS’s “Building up the Nerve” podcast
- Sample grant applications from NCI, NIAID, NHGRI, NIA K99/R00, NIA SBIR/STTR, NIDCD on a variety of mechanisms
- Wealth of information is online from various institutions!

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- Read or Subscribe to our Feedback Loop blog: <https://loop.nigms.nih.gov>
- Follow us on [LinkedIn](#):
- Get NIH-wide updates from the NIH Guide to Grants and Contracts, including new funding opportunities!
<https://grants.nih.gov/grants/guide/listserv.htm>



Questions? Contact us!

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