

Target Audience Postdocs

NIH Neuroscience Development for Advancing the Careers of a Diverse Research Workforce (R25 Clinical Trial Not Allowed)

National Institutes of Health (NIH)

National Institute of Neurological Disorders and Stroke ([NINDS](#))

National Institute on Alcohol Abuse and Alcoholism ([NIAAA](#))

National Institute on Drug Abuse ([NIDA](#))

National Institute of Mental Health ([NIMH](#))

Target audience: graduate students, postdocs, junior faculty

Goal: Training, research

<https://grants.nih.gov/grants/guide/pa-files/PA-23-178.html>

Deadlines: 9/26/2024; 9/26/2025

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research.

Mentoring Activities: Within the context of a mentoring network, activities may include, but are not limited to, dedicated efforts at providing not only technical expertise, but advice, insight, and professional career skills that advance the broad career goals of graduate students, postdoctorates and/or early-career faculty from diverse backgrounds; facilitating scholarly writing and grantsmanship; promoting successful transitions from one career stage to another; providing leadership development; helping to identify potential collaborators; and helping to establish interdisciplinary collaborations in order to foster a career trajectory towards independent neuroscience research.

Research Experiences: Provide hands-on authentic research experiences that reflect intellectual contribution to the project and for postbaccalaureate and graduate students to provide research experiences and related training not available through formal NIH training mechanisms; for postdoctorates and junior faculty to extend their skills, experiences, and knowledge base. The research experience should enhance competitiveness and innovative research exposure for the R25 participants. In addition to hands-on research experiences, programs are expected to include complementary activities that support the participants' scientific development, such as scientific writing and presentation skills, and training in rigor and reproducibility.

Courses for Skills Development: For example, advanced courses in a neuroscience research area relevant to participating IC missions, or specialized research techniques to enhance the research skills of postbaccalaureate, graduate students, postdoctorates, and junior faculty from diverse backgrounds. Additionally, career development seminars and workshops such as grant-writing, manuscript preparation, enhancing laboratory management for early stage faculty, building a successful career and other core competencies--like experimental rigor and quantitative skills, are highly encouraged.

Application budgets are limited to a maximum of \$250,000 direct cost per year and must reflect the actual needs of the proposed project. The maximum project period is 5 years.

Indirect/(Facilities & Administrative) costs are reimbursed at 8% of modified total direct costs.

Computer and Information Science and Engineering Research Expansion Program

National Science Foundation (NSF)

Directorate for Computer and Information Science and Engineering

Target audience: undergraduates, graduate students, postdocs, faculty

Goal: research enhancement, capacity building

<https://nsf-gov-resources.nsf.gov/files/nsf24536.pdf>

[Program page](#)

Deadlines: May 2, 2024; February 7, 2025; February 2026

With this solicitation, the National Science Foundation's (NSF) Directorate for Computer and Information Science and Engineering (CISE) is continuing its support of research expansion for Minority-Serving Institutions (MSIs). The goal of the CISE MSI program is to broaden participation by increasing the number of CISE-funded research projects from MSIs and to develop research capacity toward successful submissions to core CISE programs. MSIs are central to inclusive excellence: they foster innovation, cultivate current and future undergraduate and graduate computer and information science and engineering talent, and bolster long-term U.S. competitiveness.

Anticipated number, duration, and size of new awards:

Thread 1: Research Capacity Building Projects (RCBP)

Number of awards: 4-5

Project length: 2-3 years

Award size: Up to \$400,000

Thread 2: Research Demonstration Projects (RDP)

Number of awards: 5-7

Project length: 2-3 years

Award size: Up to \$600,000

Thread 3: Research Partnerships Enhancement Projects (RPEP)

Number of awards: 3-4

Project length: 3-4 years

Award size: \$600,000 to \$1,200,000

Thread 4: Research Planning Projects (RPP)

Number of awards: 3-4

Project length: 2 years

Award size: \$100,000 to \$200,000

Proposals may be submitted only by accredited Institutions of Higher Education (IHEs) that are recognized as **Minority Serving Institutions** (<https://www2.ed.gov/about/oces/list/ocr/edlite-minorityinst.html>).

Science, Technology, Engineering and Mathematics (STEM) Education Organizational Postdoctoral Research Fellowships (STEM Ed OPRF)

National Science Foundation (NSF)

Target audience: postdocs

Goal: training

https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf23545

[Program page](#)

Deadlines: April 26, 2024: Last Friday in April, annually thereafter

Amount Note: Duration: Up to 36 months of support may be requested.

Estimated Number of Awards: 2 to 4

The Directorate for STEM Education (EDU) STEM Education Postdoctoral Research Fellowships (STEM Ed PRF) Program funds postdoctoral fellowship projects designed to enhance the research knowledge, skills, and practices of STEM Education research by recent doctoral graduates in STEM, STEM Education, Education, and related disciplines. This solicitation supports organizational postdoctoral fellowship projects; a companion solicitation (STEM Ed IPRF) supports individual postdoctoral fellowship awards. The Program is designed to broaden the pool of researchers who can advance knowledge regarding STEM learning and learning environments, broadening participation in STEM fields, and STEM workforce development. Principal Investigators who are women, veterans, persons with disabilities, and from groups underrepresented in STEM, or who have attended community colleges and minority-serving institutions (e.g. Historically Black Colleges and Universities, Tribal Colleges and Universities, Hispanic Serving Institutions, Alaska Native Serving Institutions, and Hawaiian Native and Pacific Islander Serving Institutions) are especially encouraged to apply.

STEM Ed OPRF awards provide support to organizations as they develop a STEM education postdoctoral research fellowship project and support a cohort of fellows. The program should enable fellows to engage in ongoing research, to develop independent research, and to implement an independent professional development plan under the guidance of a sponsoring researcher. Fellows are expected to devote themselves full time to the fellowship activities for the duration of the fellowship.

Workplace Equity for Persons with Disabilities in STEM and STEM Education

National Science Foundation (NSF)

Target audience: undergraduates, graduates, postdocs

Goal: training

https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf23593

Program page

Deadline: September 17, 2024; Third Tuesday in September, annually thereafter

Note: Conference, EAGER, and RAPID proposals are accepted before or after the target date.

An EAGER or RAPID proposal may only be submitted after receipt of an NSF program officer concurrence email specifying that a proposal may be submitted.

Upper limit of funding: \$1,500,000 USD

Amount Note: Estimated Number of Awards: 10 to 20

The Workplace Equity for Persons with Disabilities in STEM and STEM Education solicitation, which is managed by the Division of Equity for Excellence in STEM in the Directorate for STEM Education, supports fundamental, applied, and translational research that advances knowledge and practice about diverse, equitable, inclusive, and accessible STEM and STEM education workplaces and postsecondary training environments for persons with disabilities. Proposals should focus on one or more of the following three research themes: (1) Studying barriers and solutions to diversity, equity, inclusion, and accessibility in STEM and STEM education workplaces and training settings for persons with disabilities; (2) Applying intersectional social identity perspectives to investigate characteristics and conditions of STEM and STEM education workplaces and training environments that limit and/or improve diversity, equity, inclusion, and accessibility for persons with disabilities; and (3) Conducting use-inspired and solution-oriented translational research about diverse, equitable, inclusive, and accessible STEM and STEM Education workplaces and training settings for persons with disabilities.

Research proposals must address key project design components: (1) The inclusion of researchers, experts, and organizations with authentic disability experiences; (2) The identification of disability type(s) to be investigated; (3) The specific STEM and/or STEM education workplaces and postsecondary training settings to be studied; (4) The use of theoretical and/or conceptual frameworks and robust research hypotheses, questions, designs, methodologies, data analyses, and data interpretation; (5) A plan to assess the success of the project; and (6) A plan for the accessible dissemination of knowledge and practice outcomes to traditional and new audiences.

Science, Technology, Engineering and Mathematics (STEM) Education Individual Postdoctoral Research Fellowships (STEM Ed IPRF)

National Science Foundation (NSF)

Directorate for Education and Human Resources (EHR)

Target audience: postdocs

Goal: training, research fellowships

https://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf23544

Program page

Deadline: December 10, 2024, First Tuesday in December, Annually Thereafter

Amount Note: **Estimated Number of Awards:** 8 to 10

The Directorate for STEM Education (EDU) STEM Education Postdoctoral Research Fellowships (STEM Ed PRF) Program funds postdoctoral fellowship projects designed to enhance the research knowledge, skills, and practices of STEM Education research by recent doctoral graduates in STEM, STEM Education, Education, and related disciplines. **This solicitation supports individual postdoctoral fellowship awards**; a companion solicitation (STEM Ed OPRF) supports organizational postdoctoral fellowship programs. The STEM Ed PRF Program as a whole seeks to broaden the pool of researchers who can advance knowledge regarding STEM learning and learning environments, broadening participation in STEM fields, and STEM workforce development. The Program is designed to support postdoctoral fellows engaged in experiences that will advance their career goals by developing their expertise, skills, and competencies to conduct fundamental STEM education research. Principal Investigators who are women, veterans, persons with disabilities, and from groups underrepresented in STEM, or who have attended community colleges and minority-serving institutions (e.g., Historically Black Colleges and Universities, Tribal Colleges and Universities, Hispanic Serving Institutions, Alaska Native Serving Institutions, and Hawaiian Native and Pacific Islander Serving Institutions) are especially encouraged to apply.

STEM Ed IPRF awards provide direct support to Fellows to enable them to engage in ongoing research, to develop independent research, and to implement an independent professional development plan under the guidance of a sponsoring researcher. Fellows must affiliate with an appropriate host organization and are expected to devote themselves full time to the fellowship activities for the duration of the fellowship.

Science, Technology, Engineering and Mathematics Education Organizational Postdoctoral Research Fellowships (STEM Ed OPRF)

National Science Foundation (NSF)

Directorate for STEM Education

Target audience: postdocs

Goal: institutional funding for postdoctoral fellowships

<https://new.nsf.gov/funding/opportunities/science-technology-engineering-mathematics/nsf23-545/solicitation>

[Program page](#)

Deadline: April 26, 2024, Last Friday in April, Annually Thereafter

The Directorate for STEM Education (EDU) STEM Education Postdoctoral Research Fellowships (STEM Ed PRF) Program funds postdoctoral fellowship projects designed to enhance the research knowledge, skills, and practices of STEM Education research by recent doctoral graduates in STEM, STEM Education, Education, and related disciplines. This solicitation supports organizational postdoctoral fellowship projects; a companion solicitation (STEM Ed IPRF) supports individual postdoctoral fellowship awards. The Program is designed to broaden the pool of researchers who can advance knowledge regarding STEM learning and learning environments, broadening participation in STEM fields, and STEM workforce development. Principal Investigators who are women, veterans, persons with disabilities, and from groups underrepresented in STEM, or who have attended community colleges and minority-serving institutions (e.g. Historically Black Colleges and Universities, Tribal Colleges and Universities, Hispanic Serving Institutions, Alaska Native Serving Institutions, and Hawaiian Native and Pacific Islander Serving Institutions) are especially encouraged to apply.

Energy Efficiency and Renewable Energy Science, Technology and Policy Program

ORAU

Oak Ridge Institute for Science and Education (ORISE)

Oak Ridge Associated Universities (ORAU)

Target audience: undergraduates, Master's students, postdocs, faculty in STEM

Goal: research

<http://energy.gov/eere/energy-efficiency-and-renewable-energy-science-and-technology-policy-fellowships>

Deadline: Applications accepted and reviewed all year.

The EERE STP Program provides an opportunity for highly talented scientists and engineers to participate in policy-related projects at DOE's Office of Energy Efficiency and Renewable Energy in Washington, D.C. and Golden, CO site office. EERE STP participants apply the expertise gained from their education and history of conducting research to new and ongoing EERE initiatives. As a result of their participation on this program, participants are expected to:

- Gain deep insight into the federal government's role in the creation and implementation of policies that affect energy technology development.
- Contribute to the implementation of energy policies by applying their scientific and technical expertise to the development of solutions for problems in areas of energy efficiency and renewable energy.
- Continue their education and involvement in areas that support the EERE mission either in a technical or policy-related role.
- Introduce policy-related knowledge and interest into research facilities supporting the EERE mission.

There are three levels:

Level 1: The stipend rates for Level 1 participants will start at \$47,684. The stipend rates for matriculated undergraduates will be competitive with other summer programs.

Level 2: Participants with a Ph.D. will receive a stipend starting at \$76,378. Participants with a Master's degree will start at \$58,000.

Level 3: The stipend amount for Level 3 will be based on the rate for participants plus a factor for years of experience after the receipt of the graduate degree.

Participants will receive an education/travel allowance of \$10,000 per appointment year to cover expenses related to research and/or participation in scientific and professional development activities

The EERE Science and Technology Policy (STP) Fellowships serve as a next step in the educational and professional development of scientists and engineers interested in energy efficiency and renewable energy policy. The EERE STP Fellowships provide an opportunity for highly talented scientists and engineers to participate in policy-related projects at DOE's Office of Energy Efficiency and Renewable Energy in Washington, D.C. EERE STP Fellows apply the expertise gained from their education and history of conducting research to new and ongoing EERE initiatives. As a result of their participation on this program, Fellows are expected to:

- Gain deep insight into the federal government's role in the creation and implementation of policies that affect energy technology development
- Contribute to the implementation of energy policies by applying their scientific and technical expertise to the development of solutions for problems in areas of energy efficiency and renewable energy.
- Continue their education and involvement in areas that support the EERE mission either in a technical or policy-related role.
- Introduce policy-related knowledge and interest into research facilities supporting the EERE mission.