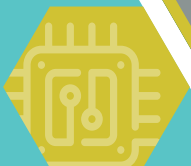


Responding to the
critical need for K-12
teachers of science,
mathematics, engineering,
and computer science



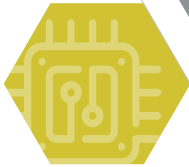
Noyce \ EHR Program

Noyce \ Robert Noyce Teacher Scholarship Program

EHR \ Directorate for Education and Human Resources



National Science Foundation
WHERE DISCOVERIES BEGIN



The Division of Undergraduate Education (**DUE**) within the Directorate for Education and Human Resources (**EHR**)
Manages the Robert Noyce Teacher Scholarship Program (**Noyce**).

Mission

THE NOYCE PROGRAM

The Noyce program supports talented **STEM** undergraduate majors and professionals to become effective K-12 **STEM** teachers in high-need school districts and experienced, exemplary K-12 **STEM** teachers to become **STEM** master teachers. It also supports research on the persistence, retention, and effectiveness of K-12 **STEM** teachers in high-need school districts.

Proposals may be submitted by

ELIGIBILITY

- 1 One or more universities, four-year colleges, and/or two year colleges; or
- 2 United States nonprofit entities that have established consortia among such institutions of higher education (IHE); or
- 3 Professional societies and similar organizations that are directly associated with educational or research activities (for Track 4: Noyce Research only).



ROBERT NOYCE

Teacher Scholarship Program

CAPACITY BUILDING PROJECTS:

Develop evidence-based innovative models and strategies for recruiting, preparing, and supporting new STEM teachers or teacher leaders

TRACK 1 (S&S)

SCHOLARSHIPS & STIPENDS

undergraduate STEM majors
and/or STEM career changers

TRACK 2 (TF)

NSF TEACHING FELLOWSHIPS

STEM career changers

Establish the infrastructure for implementing a future Noyce project

TRACK 3 (MTF)

NSF MASTER TEACHING FELLOWSHIPS

exemplary, experienced
STEM teachers

Do not support scholarships, stipends or fellowships

TRACK 4

NOYCE RESEARCH

research on STEM teacher effectiveness, persistence, and retention in high-need school districts

[Maximum grant award is \$75,000 for 1 year]*

*The maximum award for Capacity Building projects can be increased by an additional \$50,000 when the submission includes a four-year institution that is substantively collaborating with at least one two-year institution.

Capacity Building proposals are accepted for proposals to do the necessary team building, need analysis, and other activities required to develop and submit a Track 1, 2, or 3 proposal.

TEACHER TRACKS

TRACK 1

Scholarships and Stipends Projects

- Involves partnership with a high-need school district
- Provides scholarships of at least \$10,000 per year for junior and senior undergraduate **STEM** majors and stipends of at least \$10,000 per year for **STEM** professionals
- Requires recipients to complete two years of teaching in a high-need school district for each year of scholarship or stipend support
- May include summer internships for first and second year undergraduates to engage in early experiences in **STEM** teacher education

[Maximum grant award is \$1,200,000 for 5 years]*

TRACK 2

NSF Teaching Fellowships Projects

- Involves partnership with a high-need school district and a non-profit organization
- Provides stipends and program support to **STEM** professionals who are enrolled in a one-year master's degree program leading to teacher certification or licensure
- Provides salary supplements of at least \$10,000 per year while recipients fulfill a four-year teaching commitment in a high-need school district
- Requires cost-sharing from non-Federal sources

[Maximum grant award is \$3,000,000 for 5-6 years]*

***The maximum award for Tracks 1 and 2 can be increased by an additional \$250,000 when the submission includes a four-year institution that is substantively collaborating with at least one two-year institution.**



TRACK 3

NSF Master Teaching Fellowships Projects

- Involves partnership with a high-need school district and a non-profit organization
- Provides fellowships of at least \$10,000 per year to experienced, exemplary **STEM** teachers in high-need school districts
- Provides program support and professional development to prepare **STEM** teacher leaders in a high-need school district
- Requires cost-sharing from non-Federal sources

[Maximum grant award is \$3,000,000 for 5-6 years]*

***The maximum award for this track can be increased by an additional \$250,000 when the submission includes a four-year institution that is substantively collaborating with at least one two-year institution.**

RESEARCH TRACK

TRACK 4

Noyce Research Projects

- Support planning, exploratory research, and research proposals that address **STEM** teacher effectiveness, persistence, or retention in high-need school districts
- May include studies ranging from research synthesis to experimental investigations that show relationships between teacher preparation and learning
- Contributes to the knowledge base of scholarly research in **STEM** teacher education

[Maximum grant award is \$800,000 for up to 5 years]*

***The maximum award for this track can be increased by an additional \$100,000 for each current or past Noyce project that is substantively engaged in the research endeavor, with a maximum overall request not to exceed \$2,300,000.**





WRITING A

SUCCESSFUL

PROPOSAL

Proposal Checklist

Include all required information, as described in the solicitation.

Focus on evidence-based practices to prepare, recruit, and retain effective **STEM** teachers in high-need school districts.

Explicitly situate your project in the context of other projects and advances in the field.

Cite relevant research to support project goals, activities, and expected outcomes.

Discuss prior NSF results, including results from previous Noyce Program awards.

Include an evaluation plan with timelines and benchmarks.

Propose a cost-effective and high impact project.

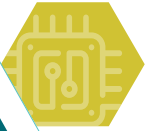
Develop and describe strong collaborations with key stakeholders, including high-need school districts.

Refer to the NSF Proposal & Award Policies & Procedures Guide for general guidance.

Make substantial changes when resubmitting a declined proposal.

Conferences and workshops consistent with the mission of the Noyce program may be submitted at any time following consultation with a cognizant Noyce Program Officer.





FUNDING INFORMATION

For more information about funding visit:

https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5733

CONTACT INFORMATION

National Science Foundation | Division of Undergraduate Education

PHONE 703-292-8670 **FAX:** 703-292-9015

EMAIL undergrad@nsf.gov

ADDRESS 2415 Eisenhower Avenue, Alexandria, Virginia 22314



National Science Foundation
WHERE DISCOVERIES BEGIN

