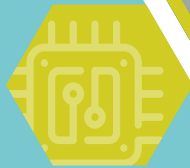


Responding to the  
critical need for K-12  
teachers of science,  
mathematics, engineering,  
and computer science



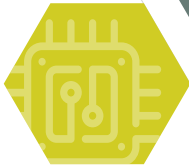
# Noyce \ EDU Program

Noyce \ Robert Noyce Teacher Scholarship Program

EDU \ Directorate for STEM Education



National Science Foundation



The Division of Undergraduate Education (**DUE**) within the  
Directorate for STEM Education (**EDU**)  
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 effectiveness and retention 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).



# CAPACITY BUILDING PROJECTS

May 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

Establish the infrastructure for implementing a future Noyce project

## TRACK 2 (TF)

### NSF TEACHING FELLOWSHIPS

STEM career changers

Do not support scholarships, stipends or fellowships

## TRACK 3 (MTF)

### NSF MASTER TEACHING FELLOWSHIPS

exemplary, experienced  
STEM teachers

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

## TRACK 4

### NOYCE RESEARCH

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

\*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 and/or Minority Serving Institution (MSI).

Capacity Building proposals are accepted for projects to do the necessary team building, needs analysis, and other activities required to develop and submit a Track 1, 2, 3 or 4 proposal.

## TRACK 1

# TEACHER TRACKS

## 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 not to exceed the full cost of attendance
- ▮ 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]\*

## 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 and/or Minority Serving Institution (MSI).**



## 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 to become teacher leaders
- Provides funding for a completion of a master's degree as well as a salary supplement of at least \$10,000 per year for experienced, exemplary STEM teachers for up to five years who teach 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 and/or Minority Serving Institution (MSI).**



## TRACK 4

# RESEARCH TRACK

## Noyce Research Projects

- Support planning, exploratory research, and research proposals that address **STEM** teacher effectiveness and 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 \$1,000,000 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 \$2,500,000.**





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 the 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.

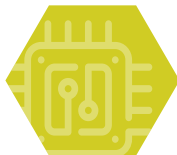
**Develop** and describe strong collaborations with key stakeholders, including high-need school districts.

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

**Make** substantial changes when resubmitting a declined proposal.

Conferences, workshops, and research experiences in STEM research settings 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](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5733)

## CONTACT INFORMATION

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