

CSforAll

Technical Support

Aligning Your Project with the RFP

APRIL 22, 2024



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Resources

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Communication

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GOALS

We are providing technical support for small and medium CSforAll RPP strand proposals.

This webinar provides guidance on aligning your project ideation and development with the RFP.

AGENDA

1. Consider Strands and Size Level
2. Review Requirements and Guidance
3. Introduce the Template
4. Q&A

DO YOU HAVE QUESTIONS?

Please post your questions in the
Q&A Box



IMPORTANT DATES

- **June 4, 2024**

CSforAll Proposals Due by 5PM

Submitters' Local Time



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i **Active funding opportunity**
This document is the current version.

NSF 24-555: Computer Science for All

Program Solicitation

Document Information

Document History

- **Posted:** March 5, 2024
- **Replaces:** [NSF 20-539](#)

[Download the solicitation \(PDF, 0.9mb\)](#)

[View the program page](#)



National Science Foundation

Directorate for STEM Education

Research on Learning in Formal and Informal Settings

Directorate for Computer and Information Science and Engineering

Division of Computing and Communication Foundations

The New Solicitation

The DCL

NSF 24-025

Dear Colleague Letter: Advancing education for the future AI workforce (EducateAI)

December 01, 2023

Dear Colleagues:

Artificial Intelligence (AI) is transforming the ways in which citizens navigate their daily lives, researchers make discoveries, educators teach their students, students learn both individually and collaboratively, and manufacturers build products. As new AI-driven discoveries and capabilities emerge, it is critical to promote responsible innovation, competition, and collaboration to unlock the technology's potential to solve some of society's most difficult challenges and maintain U.S. leadership in applying AI to address critical global challenges.

To develop the next generation of talent for a diverse, well-trained AI workforce, the computing community must create new pathways and educational experiences that provide the knowledge, skills, and dispositions necessary for current and future AI careers.

To address this growing need, the Directorates for Computer and Information Science and Engineering (CISE) and STEM Education (EDU) are launching the EducateAI initiative to support educators to make state-of-the-art, inclusive AI educational experiences available nationwide. **With this Dear Colleague Letter (DCL), EDU and CISE encourage the submission of novel and high impact proposals that advance inclusive computing education that prepares preK-12 and undergraduate students for the AI workforce.**

This EducateAI DCL seeks to support:

- professional learning opportunities & communities;
- inclusive AI educational resources (curricula, tools, data sources, assessments, etc.); and
- educational infrastructure needed to support AI education across institutions;

and build upon/contribute to

- research on broadening participation to better understand and inform efforts to support students from groups historically underrepresented in computing; and
- research and development needed to make state-of-the-art, inclusive AI education available to all students in preK-12 schools, 2-year colleges, and 4-year colleges and universities.

RESEARCH PROPOSALS

This DCL does not constitute a new competition or a new program. Rather, interested proposers should consult the program pages for [Computer Science for All: Research, Practice Partnership \(CSforAll:RPP\)](#) and [Improving Undergraduate STEM Education: Computing in Undergraduate Education \(IUSE: CUE\)](#) as those programs are revised. Proposals submitted to either CSforAll or CUE will need to be responsive to requirements of the corresponding solicitation. Principal investigators (PIs) are encouraged to review the CSforAll and CUE programs that develop educational approaches or pathways to support learners' preparation toward skills relevant for AI careers.

CSforAll

RPP Strands

PreK-8

Designing, developing, and piloting instructional materials that integrate CS and/or CT into preK-8 classrooms

High School

Preparing and supporting teachers to teach rigorous CS courses

PreK-12 Pathways

Designing pathways that support school districts in developing policies and supports for incorporating CS and/or CT across all grades and potentially the transition into higher education

CSforAll RPP Proposal Size Class

Small RPP

(\$300,000 for up to 2 years) support initial steps in building toward successfully competing for a Medium or Large proposal.

Medium RPP

(\$1,000,000 for up to 3 years) support promising approaches and feasibility studies

Large RPP

(\$2,000,000 for up to 4 years) support scaling of an evidence-based approach and implementation studies by an established RPP team that has demonstrated sustainability.

CSforAll Recent Awards
bit.ly/3QfxHgZ

NSF Awards

NSF Award Database
**[https://www.nsf.gov/award
search/advancedSearch.jsp](https://www.nsf.gov/awardsearch/advancedSearch.jsp)**

CSforAll Merit Review Criteria

Intellectual Merit

How does your project advance the field?

Broader Impacts

What potential does your project have to impact society?

CSforAll Merit Review Criteria



Intellectual Merit

How does your project advance the field?

Include the:

- (1) theoretical or theory-building approach;
- (2) research questions or problem statement, and
- (3) methodological approach

Broader Impacts

What potential does your project have to impact society?

- What are the ways it contributes to the NSF goals for improving society?
- Review the NSF Strategic Plan for alignment

CSforAll Merit Review Criteria

Intellectual Merit

Broader Impacts

- Is the plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale? Does the plan incorporate a mechanism to assess success?
- How well qualified is the individual, team, or organization to conduct the proposed activities?
- Are there adequate resources available to the PI (either at the home organization or through collaborations) to carry out the proposed activities?

Broadening Participation

CSforAll

Solicitation

Specific

Review

Criteria

CSforAll Solicitation Specific Review Criteria

Broadening Participation

1. Does the proposal identify the characteristics and needs of the intended population(s) to be served?

CSforAll Solicitation Specific Review Criteria

Broadening Participation

1. Does the proposal identify the characteristics and needs of the intended population(s) to be served?
2. Does the proposal include specific plans or strategies for addressing or accommodating the particular needs of participants of the intended population(s)?

“Supplemental” Documents

1. Facilities, Equipment and Other Resources (FEOR)
2. Budget Justification
3. Data Management Plan (DMP)
4. Biosketches

Do you have questions?

Please post your questions in the
Q&A Box



NEXT STEPS

- **Resources**
 - Last week's **Logic Model Webinar** recording and slides are available www.triviumconsulting.com/csforall
 - **CSforAll crosswalks** for Small and Medium size RPP Strand proposals will be added to the website in the next day.
 - **Today's webinar** and slides will be added by the end of the week.
- Look for emails this week connecting you to an expert(s) to provide additional one-on-one support.

THANK YOU!

Resources

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