Evidence Quality and Reach Hub: How to Position Your Work for NSF DRK–12 STEM Education Research and Design Funding Opportunities

Positioning Your Research For DRK–12

April 30, 2024

AIR
Advancing Evidence.
Improving Lives.

Introduction

Time: 5 minutes

Instructions

Share in the chat: Which section of your project summary are you most confident about (e.g., project overview, intellectual merit, broader impacts)?

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Virtual Meeting/Conference Recording Notice

The American Institutes for Research® (AIR®) allows recording of audio, visuals, participants, and other information sent, verbalized, or used during business-related meetings. By joining a meeting, you automatically consent to such recordings. Any participant who prefers to participate via audio only should disable their video camera so that only their audio will be captured. Video and/or audio recordings of any AIR session shall not be transmitted to an external third party without the permission of AIR.

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AIR Inclusive Meeting Guidelines
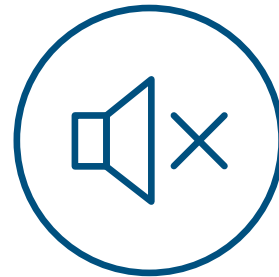# Hosting and Participating in Meetings

ENGAGE EVERYONE

BE HEARD AND SEEN

ACKNOWLEDGE SPEAKER

MAXIMIZE MICROPHONES

MINIMIZE NOISE

MAXIMIZE VISUAL DISPLAYS

These guidelines are intended to improve the meeting experience for virtual participants, as well as people with hearing loss, visual impairment, and those for whom English is an additional language.

Developed by the Access AIR and AIR CREW Employee Resource Groups With Support From the AIR Diversity and Inclusion Office.

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EQR Hub

The Evidence Quality and Reach (EQR) Hub will provide current and aspiring STEM education researchers **targeted learning opportunities regarding research methods; knowledge translation; and diversity, equity, and inclusion (DEI)**. The hub will develop and implement virtual webinars and workshops for researchers in the Discovery Research PreK–12 (DRK–12) community, convene communities of practice (CoPs), and engage in individualized consultations with DRK–12 projects.

This work is made possible by the National Science Foundation (NSF) under Grant No. 2101162.

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CoP Sessions

Session 1: Understanding the DRK–12 program and solicitation

Session 2: Insights from current and past NSF grantees from Minority Serving Institutions

Session 3: Positioning yourself and your institution using asset-based framing

Session 4: Positioning your research for DRK–12

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Meet the Moderator

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American Institutes for Research

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Session 4 Agenda and Objectives

Danielle Ferguson

Session 4 Agenda

1. Project summary Q & A

2. Breakout session: Pitch proposal to colleagues and receive feedback

3. Whole-group reflections

4. Next steps

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Session 4 Objectives

By participating in this session, attendees will

- receive feedback from their peers about their project summary and

- develop a high-level plan for revising and submitting their project summary to a program officer.

Project Summary Q & A

Project Summary Q & A

Time: 10 minutes

Instructions

Reflect on the following questions:

- What was the easiest part of writing your project summary?

- What did you find challenging about writing your project summary?

- What general questions do you have about writing a project summary?

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Pitch Proposal to Colleagues and Receive Feedback

Breakout: Review Panel

Time: 35 minutes

Instructions

In your groups:

1. Project lead spends 5 minutes describing the project.
   a. Identify the program strand and project type.

2. Reviewers provide feedback about the alignment to the solicitation, intellectual merit, and broader impact.

3. Project lead asks clarifying questions to improve the project summary later.

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Whole-Group Discussion:
Project Summary

Time: 15 minutes

Instructions

Reflect on the following questions:

- What is one thing that you found helpful during your discussion?

- What are some outstanding questions that you have about next steps?

Poll: CoP Reflection

Time: 2 minutes

Instructions

Answer the poll question: How confident do you feel about writing your proposal after participating in this CoP?

- **I am confident.** I have a clear understanding of the process and have identified my strengths and areas for improvement.

- **I am somewhat confident.** I have a clear understanding of the process.

- **I am somewhat confident.** I have identified my strengths and areas for improvement.

- **I am not confident.** I need to find someone to walk me through the process again.
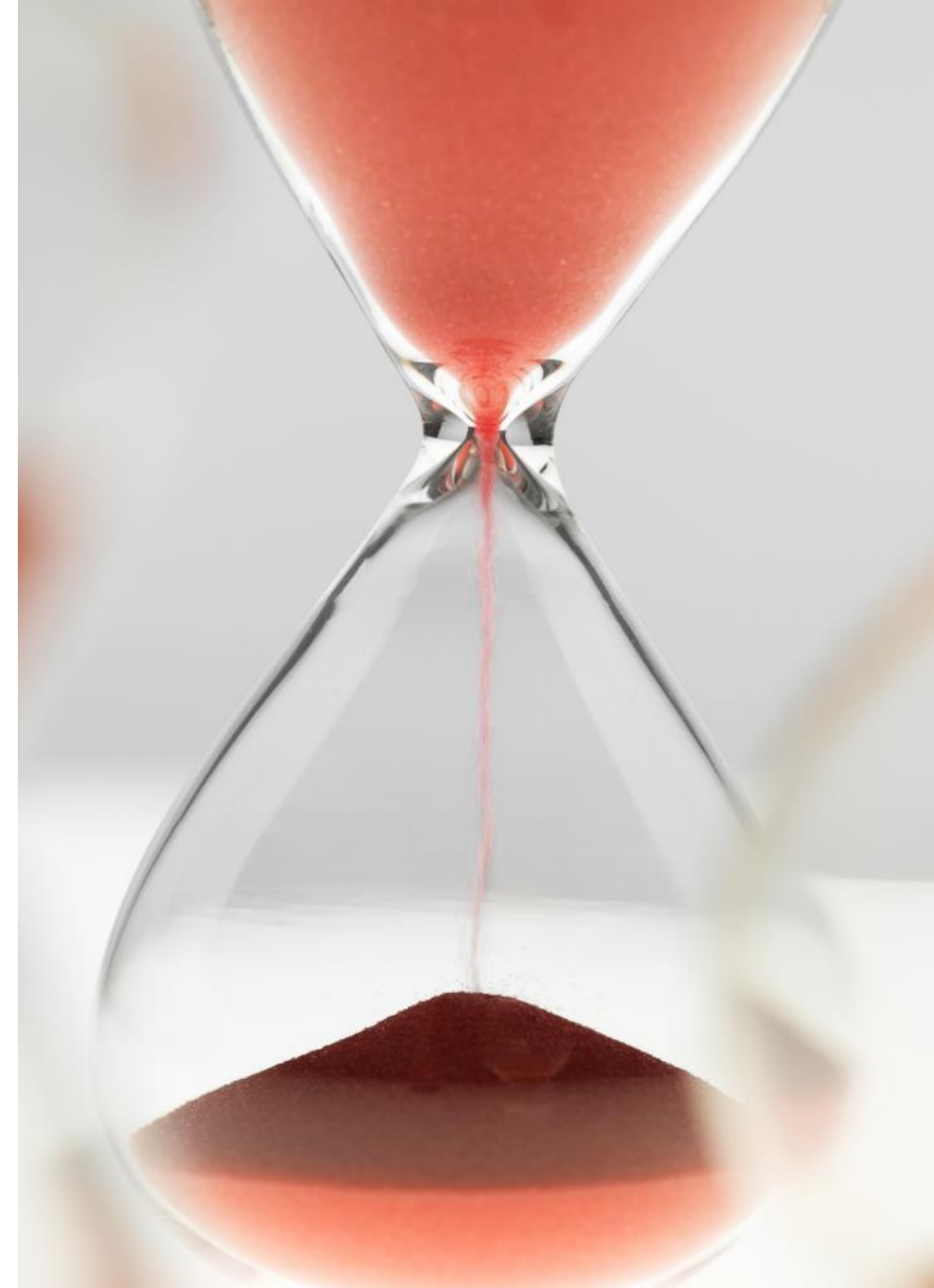
CADRE Resources

Uncovering the Hidden Curriculum of DRK–12 Video Series:

https://www.youtube.com/playlist?list=PLFesrj2Sg4Fj30T6J_1gsftzbIpUQAGN4

NSF Proposal Toolkit:

https://cadrek12.org/resources/nsf-proposal-writing-resources

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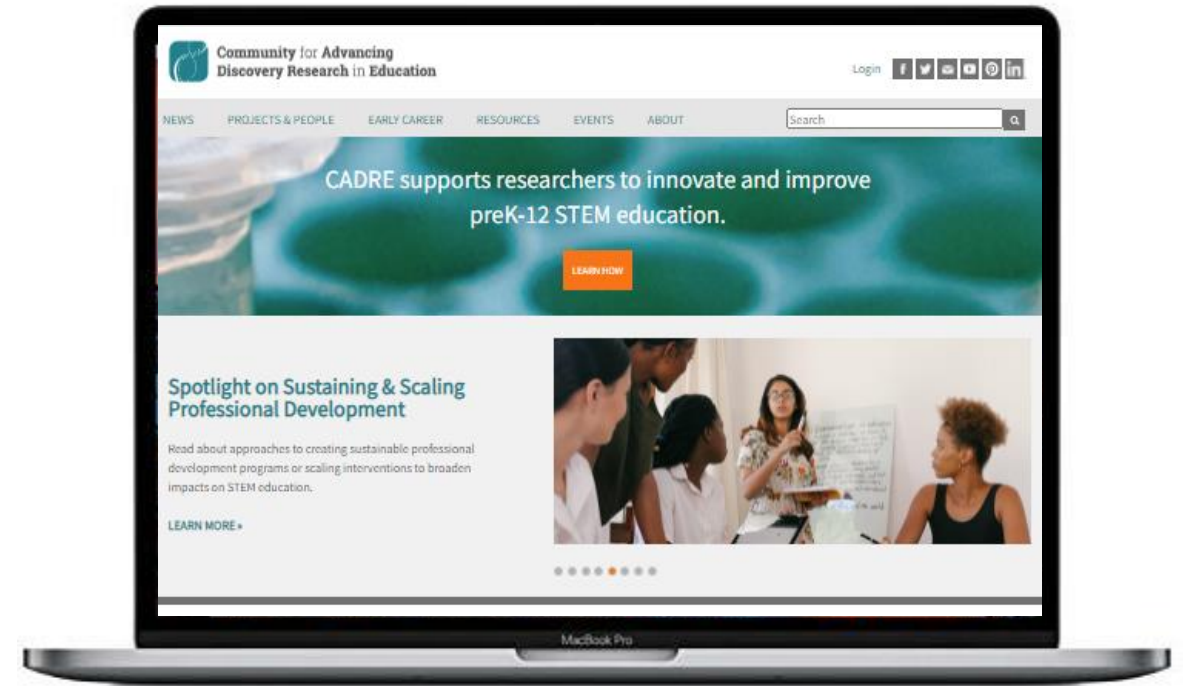
Next Steps

Danielle Ferguson

Meeting With a Program Officer

- Revise your project summary based on the feedback that you received.

- Identify two or three questions about your project that you would like answered by a program officer.

- Schedule a 30-minute call with a program officer to discuss your project summary by emailing your project summary to DRLDRK12@nsf.gov. Including the questions in your email would be helpful as well.

- Share your success with us. Let us know how your meeting with the program officer goes, when you submit your proposal, and when you receive your award letter.
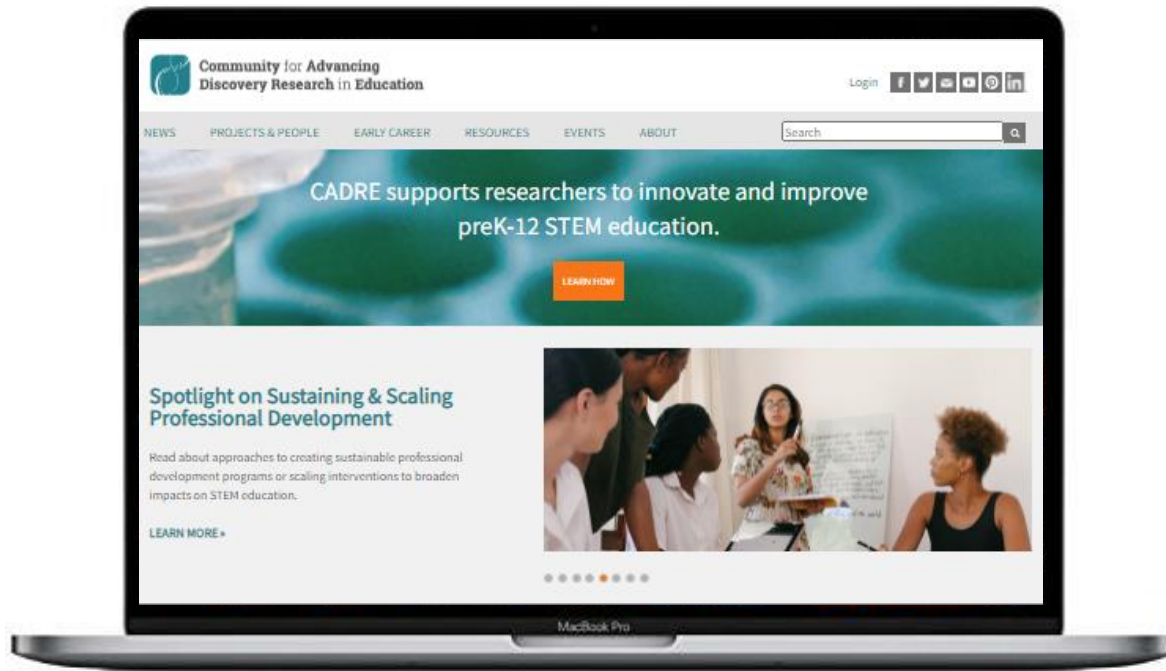
Share Your Examples!

If comfortable doing so, **please share** your **intersessional activities and project summaries** with us. We will review these exemplars and see if there are ways to improve these tools for future events.
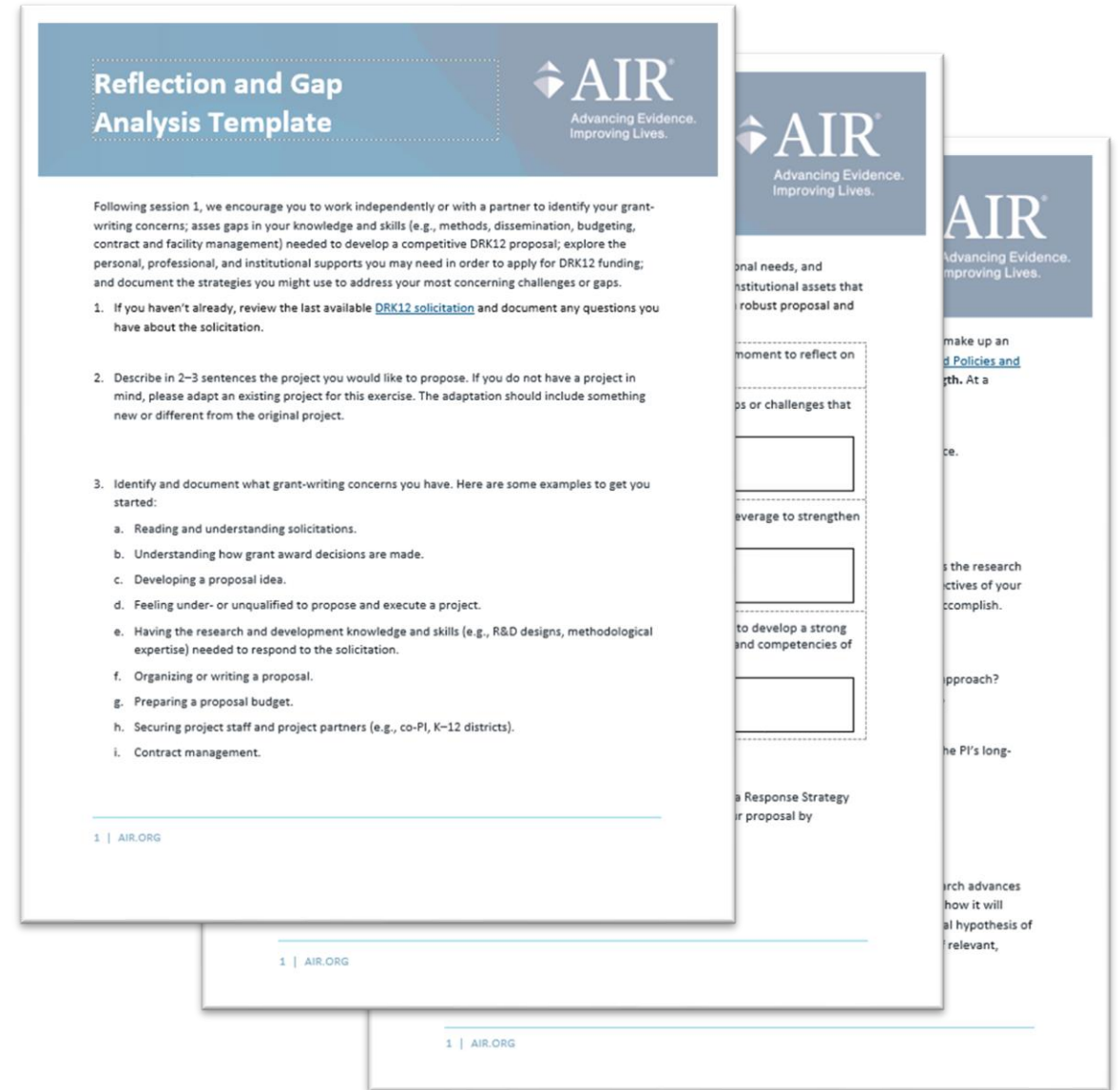
Visit the CoP Learning Space
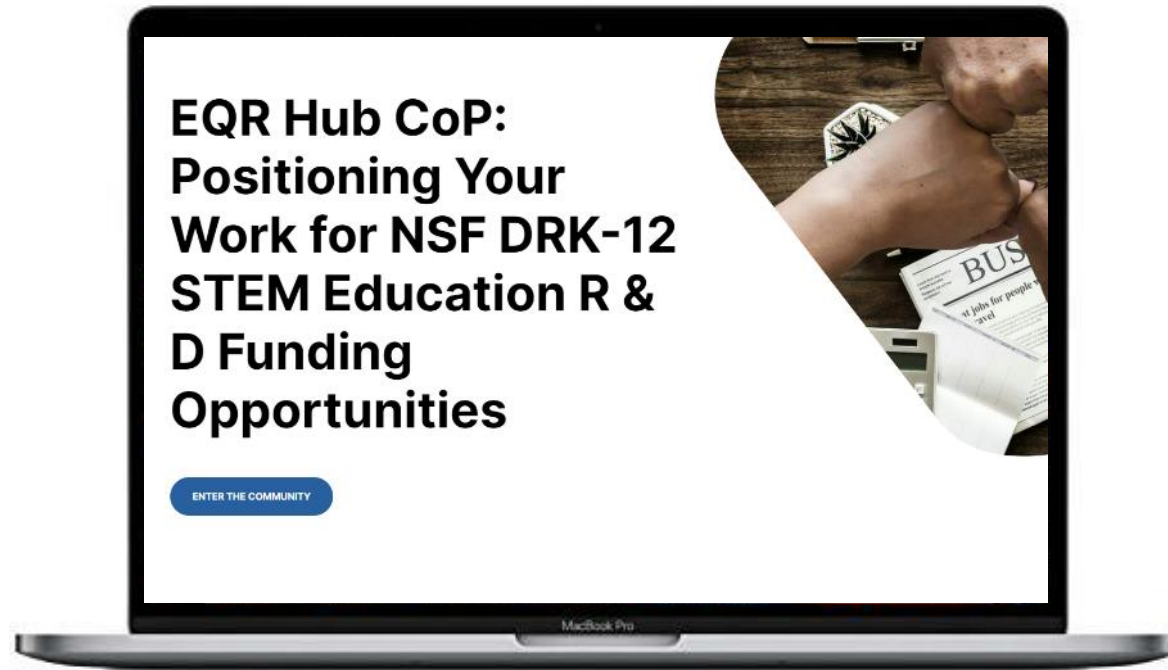
Stay Connected

Visit the CADRE resources

https://cadrek12.org/**resources**

and EQR Hub page

http://cadrek12.org/**eqr-hub**

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Feedback

Please fill out the **event survey**:

https://www.surveymonkey.com/r/N8Z2J7V

Thanks for attending!