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

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Introductions

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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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.



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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



Meet the Moderator



Dr. Danielle Ferguson Principal Researcher American Institutes for Research <u>dferguson@air.org</u>



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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



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.



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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.





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=PLFe

srj2Sg4Fj30T6J 1gsftzblpUQAGN4

NSF Proposal Toolkit: https://cadrek12.org/resources/nsfproposal-writing-resources <text><text><section-header><section-header><text><text>

CADRE supports researchers to innovate and improve

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RESOURCES



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Next Steps

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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 <u>DRLDRK12@nsf.gov</u>. 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.

	on and Gap Template		Advancing Evidence.	 ◆AIR	
writing concerns; a contract and facilit personal, professio and document the 1. If you haven't a have about the	sses gaps in your knowledge ar management) needed to dev nal, and institutional supports strategies you might use to ad lready, review the last availabl solicitation.	dependently or with a partner to i nd skills (e.g., methods, disseminat elop a competitive DRK12 proposa you may need in order to apply fo dress your most concerning challer e <u>DRK12 solicitation</u> and documen uld like to propose. If you do not h	ion, budgeting, I; explore the r DRK12 funding; nges or gaps. t any questions you	Advancing Evidence. Improving Lives.	AIR* Advancing Evident mproving Lives. make up an <u>d Policies and</u> th. At a
 Describe in 2-3 sentences the project you would like to propose. If you do not have a project in mind, please adapt an existing project for this exercise. The adaptation should include something new or different from the original project. 				ps or challenges that	jin. At a
 Identify and document what grant-writing concerns you have. Here are some examples to get you started: a. Reading and understanding solicitations. 				everage to strengthen	ce.
 Understanding how grant award decisions are made. 				<u> </u>	s the research
c. Developing a proposal idea.					ctives of your
d. Feeling under- or unqualified to propose and execute a project. e. Having the research and development knowledge and skills (e.g., R&D designs, methodological expertise) needed to respond to the solicitation.				to develop a strong and competencies of	ccomplish.
 f. Organizing or writing a proposal. g. Preparing a proposal budget. h. Securing project staff and project partners (e.g., co-PI, K-12 districts). 					ipproach?
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Visit the CoP Learning Space









Visit the CADRE resources https://cadrek12.org/resources

and EQR Hub page http://cadrek12.org/eqr-hub



Feedback

Please fill out the **event survey**:

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







Thanks for attending!

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