

| Have you participated in an NSF project? |
| Have you led an NSF project? |
| Have you lad previous funding for this project? Internal/Eternal? |
| Do you have pilot data? |
| Do you have a specific NSF competition in mind? |
| Why is your work a fit for NSF/chat call? |

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QUEST: QUALITY ELEMENTARY SCIENCETEACHING

National Science Foundation
Award #1316683

2013-2017
Division of Research on Learning
\$2,853,190
University of Missouri
https://dnewd.mo.gov/ppc/grams/hanuscin_c8.php
https://www.naf.gov/awardsearch/showAward/AWVD_ID=1316683

Debi Hanuscin, Pl
Bemetary Science Ed
Phyric
Zandra De Arasja, Cool
Maki fc,
Makingsul Lemmars

Makingsul Lemmars

3



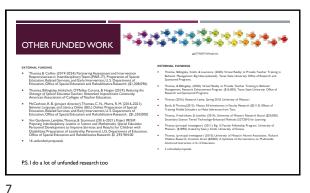
COLLABORATIVE RESEARCH: ASSESSING THE IMPACT OF THE TIPP&SEE META-COGNITIVE LEARNING STRATEGY ON 4TH GRADE SCRATCH COMPUTER SCIENCE INSTRUCTION

• National Science Foundation
• 2020 and 2022 Unfunded
• Scale up of funded project
• Scale up of funded project
• Discovery Research K-12,
• ECR-EHR Core Research
• Will discuss R & R and share reviews

Cathy N.Thomas
Texas State University
Special Education

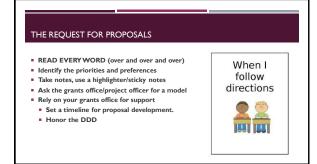
WestEd.org

5 6



KEYS TO COLLABORATION 1. Identify the knowledge and skills required to implement your project 2. Define roles clearly Researcher Expertise Content Experts
 Teacher/K-12 Education Experts
 Methods (quant/qual/lit review) 4. Author tasks (writers, data, tables/fig 3. Consultants 4. External Evaluators 5. Advisory Board

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TELL YOUR STORY You are fishing, and you need a hook You have I-2 pages to catch your reviewers

Can you convince reviewers that you can carry out the plan? Is every member of your team qualified? What is so special about your work? How does it meet the priorities? How is it innovative? What problems does it solve?Can you make your work understandable?

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