CADRE's New Awardee Welcome & Orientation

November 14 | 2:00-3:30 PM ET

Broadening Participation & Engagement
Building Capacity
Supporting Dissemination & Impact

CADRE LEADERS & KEY STAFF

Catherine McCulloch, EDC; Amy Busey, EDC; Dr. Christopher Harris, WestEd;

Dr. Terrell Morton, the University of Illinois, Chicago; Dr. Eric Wiebe, North Carolina

State University; Dr. Ilana Horn, Vanderbilt University; Dr. Alina Martinez, Mathematica

with Leana Nordstrom and Jenn Stiles, EDC

CADRE Fellows & Early Career Resources

The CADRE Fellows | 2009-Present

Early Career

Learn about capacity-building opportunities for early career researchers; explore resources designed to support community members who identify as early career professionals and those who work closely with them; and meet the CADRE Fellows, CADRE Postdocs, and DRK-12 CAREER awardees who are working to improve STEM education for all PreK-12 students.

NSF CAREER PROGRAM & DRK-12
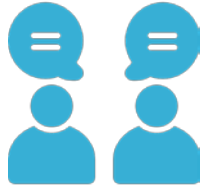This NSF-wide program supports early-career faculty who have the potential to serve as

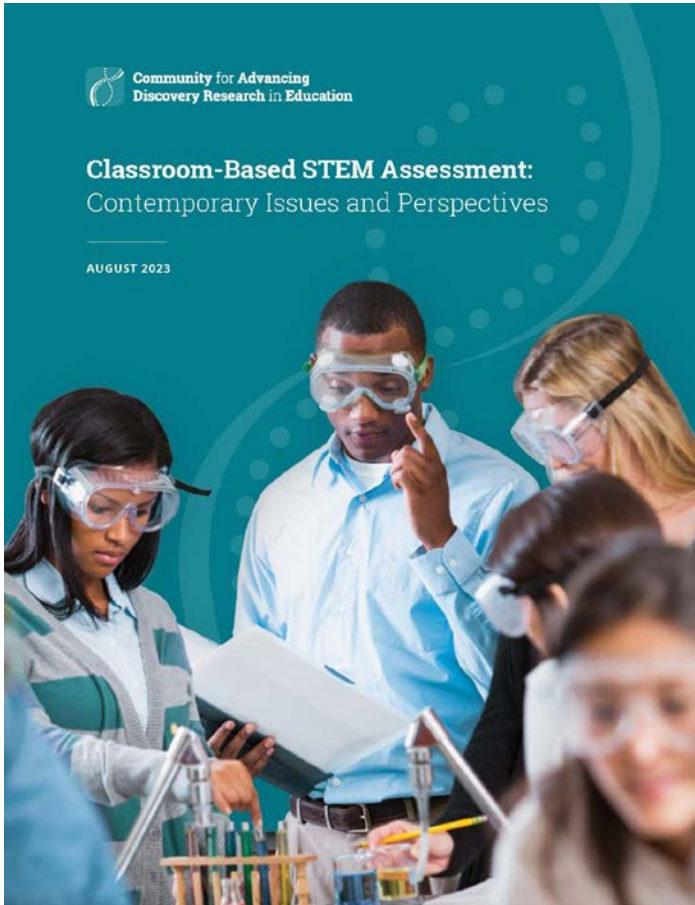**EARLY CAREER RESOURCES**

CADRE EARLY CAREER GUIDE

EARLY CAREER NEWS & OPPORTUNITIES
BEYOND MERE PERSISTENCE: A CONCEPTUAL FRAMEWORK FOR BRIDGING PERSEVERANCE

Communities of Practice

Classroom-Based STEM Assessment: Contemporary Issues and Perspectives — Community for Advancing Discovery Research in Education — AUGUST 2023

Toward Ethical and Just AI in Education Research — Community for Advancing Discovery Research in Education — JUNE 2024

Coming Soon!

- Generative AI in STEM Teaching

- The Potential of AI to Improve Student Learning

CADRE Learning Series

CADRE Learning Series
Designing Case Study Research
Meet the Panelists:

Ilana Horn
Vanderbilt University

Zandra De Araujo
University of Florida

Hosun Kang
University of California, Irvine

Amy Parks
Michigan State University

Bill Zahner
San Diego State University

CADRE Learning Series
Partnerships in Research
Meet the Panelists:

Ilana Horn
Vanderbilt University

Angelina Castagno
Northern Arizona University

William McHenry
Jackson State University

Carrie Tzou
University of Washington Bothell

Emily Weiss
University of California, Berkeley

CADRE Learning Series
Rural Partnerships
Meet the Panelists:

Ilana Horn
Vanderbilt University

Julie Amador
University of Idaho

Rebecca Sansom
Brigham Young University

Ryan Summers
University of North Dakota

CADRE Learning Series
Using Video in Education Research
Meet the Panelists:

Ilana Horn
Vanderbilt University

Heather Hill
Harvard University

Joanne Lobato
San Diego University

Nanette Seago
WestEd

Erica Walker
Columbia University

CADRE Learning Series
Instructional Observation
Meet the Panelists:

Ilana Horn
Vanderbilt University

Pauline Chinn
University of Hawaii

Kara Jackson
University of Washington

Gillian Roehrig
University of Minnesota

CADRE Learning Series
Ethical Use of AI in STEM Education Research
Meet the Panelists:

Ilana Horn
Vanderbilt University
(Moderator)

Tiffany Barnes
North Carolina State University

Joshua Danish
Indiana University

Samantha Finkelstein
Carnegie Mellon University

Ole Molvig
Vanderbilt University
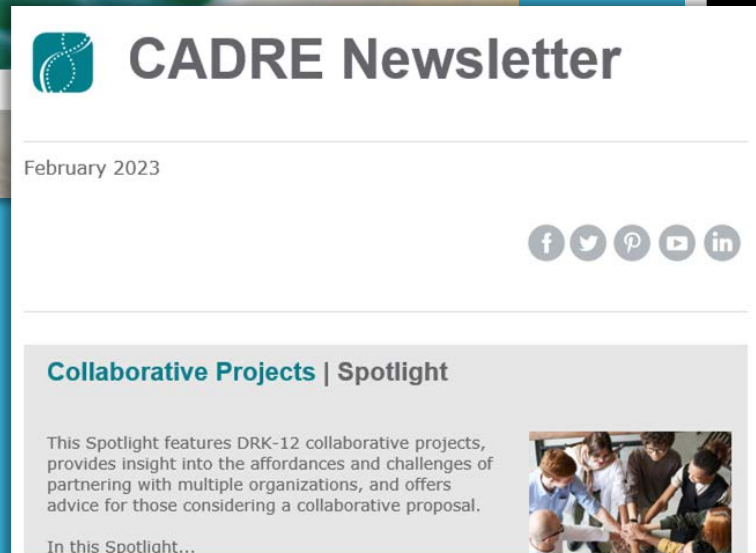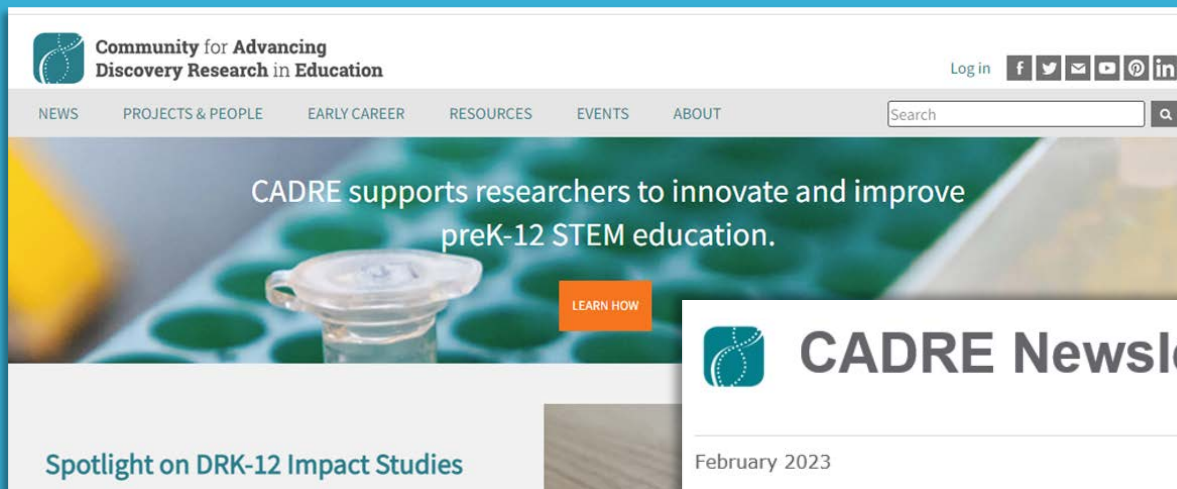
DRK-12 PI Meeting | June 9-11, 2025

Watch your inboxes for:

- Invitee Survey – We want your input!

- Invitation and registration info

- Opportunities to present

Website, Newsletters, & Social Media

CADRE Toolkits

NSF Proposal Writing Toolkit
Guidelines, tips, and resources for proposal development.

Project Management Toolkit
Resources for managing your project.

Dissemination Toolkit
Resources for disseminating your work effectively.

Research Toolkit
Resources on research design and implementation.

Proposal Development, Submission, & Review

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Dissemination Planning, Methods, & Approaches

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Research Design, Frameworks, Instrumentation, & Human Subjects

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Reporting, Communications, External Review, & Mentoring

Uncovering the Hidden Curriculum of DRK-12

Season 2! Breaking Through the Bureaucracy

Developing and Managing a Budget

Managing Your NSF Project

Partnership & Collaboration Resources

- Strategies for Fostering Authentic Community Partnerships in STEM Education Research

- Recruiting & Retaining Participants for Your Education Research

- Guide for Developing Partnerships

Home › Resources

Search, browse, and contribute to our resources related to DRK-12 projects and STEM education.

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Guidelines, tips, and resources for proposal development.

Project Management Toolkit
Resources for managing your project.

Dissemination Toolkit
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Research Toolkit
Resources on research design and implementation.

Resources

SPOTLIGHTS ON STEM EDUCATION RESEARCH

CLIMATE SCIENCE EDUCATION

This month's spotlight showcases DRK-12

CADRE PRODUCTS

RESEARCH SAYS EARLY LEARNING IN SCIENCE AND MATHEMATICS MATTERS

Quality early STEM experiences provide a critical

DRK-12 RESEARCH AND PRODUCTS

SUPPORTING SECONDARY STUDENTS' UNDERSTANDING OF EARTH'S CLIMATE SYSTEM AND GLOBAL CLIMATE CHANGE USING EZGCM: A CROSS-SECTIONAL STUDY

Learn more: cadrek12.org/resources

Home › Projects

Learn about the people and projects working in DRK-12 STEM education research and development.

The DRK-12 Community

Explore project member profiles and their DRK-12 work. Visit our blog, DRK-12 Community Voices.

VIEW PROJECT MEMBERS   **VIEW BLOG**

SPOTLIGHTS ON DRK-12-FUNDED PROJECTS

CADRE's topical Spotlights on STEM Education Research highlight bodies of DRK-12-funded work.

VIEW SPOTLIGHTS

Projects

Exploring the Landscape of Rural Mathematics Education (Collaborative Research: Amador)
12/01/2023

The goal of the project is to understand the current conditions, challenges, and resources that pertain to mathematics education in rural areas in the United States.

Exploring the Landscape of Rural Mathematics Education (Collaborative Research: Heck)
12/01/2023

The goal of the project is to understand the current conditions, challenges, and resources that pertain to mathematics education in rural areas in the United States.

CADRE Resources for You | cadre@edc.org

1   cadrek12.org | Access proposal, project management, and dissemination toolkits; solicitation webinar recordings; project descriptions, products, and topical spotlights

2   CADRE Newsletter | Subscribe to keep up-to-date with DRK-12-related news, opportunities, and events

3   @CADREK12 | Stay engaged with the DRK-12 community

How Else Can We Serve You?

Discussion Groups | Choose a Topic

1 Budgets | Monitoring and adjusting project budgets

2 Managing a Project Team | Leading a project team, working with graduate students

3 Partnerships & Collaboration | Strategies for effective and productive collaborations with institutions and/or schools and districts

Next Steps | Connecting through CADRE

1 Promote Your Work | Add information to your personal profile and project page, particularly as your work progresses

2 Explore CADRE Resources | Read about projects doing similar work, explore CADRE's products and toolkits

3 Engage in CADRE Opportunities | Register for a Learning Series, take part in a project Spotlight, etc.