



DISCOVERY
RESEARCH
PREK–12

PI Meeting
June 9–11, 2025 Arlington, VA



AGENDA OUTLINE

MONDAY | JUNE 9, 2025

11:00 AM–6:00 PM	Registration and Information
11:30 AM–2:30 PM	Social Network Analysis and Education: A Gentle Introduction (Session slides and materials)
3:00–4:30 PM	Partnership Develop Project Type Awards Networking CAREER Awardees Networking
3:30–4:30 PM	CADRE Fellows Networking
5:30–6:30 PM	Welcome
6:30 PM	Dinner on Your Own

TUESDAY | JUNE 10, 2025

8:00 AM–5:00 PM	Registration and Information
8:00–9:00 AM	Networking Breakfast Affinity Group Discussions
8:30 AM–3:45 PM	General Poster Hall Setup
9:15–10:30 AM	Concurrent Sessions <ul style="list-style-type: none">• Collaborative Learning of Key Strategies for Partnership Development & Codesign• Early Learning Structured Poster Session• Fireside Chat with Foundation Representatives (Session takeaways)• K–12 Data Science Education Learning Progressions: Providing Input on Subject-Specific Lenses (Session slides)• <i>Scaling and Sustaining PreK–12 STEM Education Innovations: Systemic Challenges, Systemic Responses</i>: A Discussion of the 2024 NASEM Report (Session slides and materials)
10:30–11:00 AM	Networking Break
11:00 AM–12:15 PM	Concurrent Sessions <ul style="list-style-type: none">• Computer Science and Computational Thinking Structured Poster Session• Developing and Using Learning Progression to Support Useable Knowledge• Earth Science Structured Poster Session• From Dissemination to Uptake• Preparing Students for an AI-Driven World: Rethinking High School Mathematics• Rural STEM Education

12:30–2:00 PM	Networking Lunch AI and STEM Education: Opportunities and Impacts (Session slides and materials)
2:00–2:30 PM	Networking Break
2:30–3:45 PM	Concurrent Sessions <ul style="list-style-type: none"> • Advancing STEM Education: Innovations in Teaching, Professional Development, and Assessment • Engineering Structured Poster Session • Innovative Approaches for Using Research Findings with District and School Leaders to Improve Teachers’ Practice • Landscape Analysis of Science and Engineering Assessments for PreK–5 Students (Session slides) • Leveraging AI to Support and Study Teacher Learning: Insights from Professional Development and Research Applications • Mathematics Instruction Structured Poster Session
3:45–4:15 PM	Networking Break
4:15–6:00 PM	General Poster Hall
6:00 PM	Dinner on Your Own

WEDNESDAY | JUNE 11, 2025

7:00–11:30 AM	Registration and Information
8:00–9:15 AM	Networking Breakfast Affinity Group Discussions
9:30–10:45 AM	Concurrent Sessions <ul style="list-style-type: none"> • Advancing Education Research with AI: Innovations in Systematic Review, Meta-analysis, Qualitative Methods, and Student Learning • Deepening Probabilistic Thinking Through Learning About AI • Innovation Hackathon: Try It, Test It, Learn It (Session slides and materials) • Partnering with Teachers and Communities • Sustainability, Efficacy, and Impact in Mathematics Education
10:45–11:15 AM	Networking Break
11:15 AM–12:15 PM	Networking Lunch Closing