

## 2015-2016 DR K–12 Awards

*This list contains grants awarded between fall 2015 and summer 2016.*

Award Number	Project	PI	Institution
1545908	<a href="#"><u>A Task Force on Conceptualizing Elementary Mathematical Writing: Implications for Mathematics Education Stakeholders*</u></a>	Tutita Casa	University of Connecticut
1502778	<a href="#"><u>Building Assessment Items and Instructional Tasks to Build Intercommunity Capacity to Develop Teachers' Mathematical Knowledge for Teaching</u></a>	Mark Thames	University of Michigan Ann Arbor
1553098	<a href="#"><u>CAREER: A Study of Factors that Affect Middle School Levels of Readiness for Implementing STEM Programs</u></a>	Alfred Hall	University of Memphis
1623910	<a href="#"><u>CAREER: Community-Based Engineering as a Learning and Teaching Strategy for Pre-Service Urban Elementary Teachers*</u></a>	Kristen Wendell	Tufts University
1553708	<a href="#"><u>CAREER: Designing Learning Environments to Foster Productive and Powerful Discussions among Linguistically Diverse Students in Secondary Mathematics*</u></a>	William Zahner	San Diego State University Foundation
1552428	<a href="#"><u>CAREER: Investigating Fifth Grade Teachers' Knowledge of Noticing Appalachian Students' Thinking in Science*</u></a>	Melissa Luna	West Virginia University Research Corporation
1552114	<a href="#"><u>CAREER: Making Science Visible: Using Visualization Technology to Support Linguistically Diverse Middle School Students' Learning in Physical and Life Sciences*</u></a>	Kihyun "Kelly" Ryoo	University of North Carolina at Chapel Hill

\* indicates project was represented at the 2016 PI Meeting

Award Number	Project	PI	Institution
1552535	<a href="#">CAREER: Multilevel Mediation Models to Study the Impact of Teacher Development on Student Achievement in Mathematics</a>	Benjamin Kelcey	University of Cincinnati Main Campus
1551143	<a href="#">Developing Integrated Elementary Science, Engineering, and Language Arts Curricula Aligned with Next Generation Science Standards</a>	Hasan Deniz	University of Nevada Las Vegas
1621344	<a href="#">Developing Preservice Elementary Teachers' Ability to Facilitate Goal-Oriented Discussions in Science and Mathematics via the Use of Simulated Classroom Interactions</a>	Jamie Mikeska	Educational Testing Service
1639069	<a href="#">Developing Teachers as Computational Thinkers Through Supported Authentic Experiences in Computing Modeling and Simulation</a>	Eric Klopfer	Massachusetts Institute of Technology
1551974	<a href="#">Exploring Ways to Enhance Science Learning for English Language Learners Through Improvement in Teacher Self-Efficacy Beliefs</a>	Neporcha Cone	Kennesaw State University Research and Service Foundation
1621400	<a href="#">Facilitating Teachers' and Young Children's Science Learning through Iterative Cycles of Teacher Professional Development</a>	Eleanor Armour-Thomas	CUNY Queens College
1503311	<a href="#">Guiding Understanding via Information from Digital Environments (GUIDE)*</a>	Chad Dorsey	Concord Consortium
1621210	<a href="#">Misconceptions Oriented Standards-Based Assessment Resource for Teachers of High School Physical Sciences (MOSART HSPS)</a>	Philip Sadler	Harvard University
1552135	<a href="#">North Dakota Collaborative STEM Conference 2016*</a>	Robert Pawloski	University of North Dakota Main Campus

Award Number	Project	PI	Institution
1502892	<a href="#">PlantingScience: Digging Deeper Together - A Model for Collaborative Teacher/Scientist Professional Development*</a>	Catrina Adams	Botanical Society of America
1621325	<a href="#">Science, Technology, Engineering and Mathematics Scholars Teacher Academy Resident System</a>	William McHenry	Jackson State University
1621228	<a href="#">Supporting Chemistry Teachers to Assess and Foster Chemical Thinking</a>	Hannah Sevian	University of Massachusetts Boston
1621496	<a href="#">Supporting Teacher Practice to Facilitate and Assess Oral Scientific Argumentation: Embedding a Real-Time Assessment of Speaking and Listening into an Argumentation-Rich Curriculum (Collaborative Research: Henderson)</a>	Joseph Henderson	Arizona State University
1621441	<a href="#">Supporting Teacher Practice to Facilitate and Assess Oral Scientific Argumentation: Embedding a Real-Time Assessment of Speaking and Listening into an Argumentation-Rich Curriculum (Collaborative Research: Greenwald)</a>	Eric Greenwald	University of California-Berkeley
1621387	<a href="#">Systemic Transformation of Inquiry Learning Environments for STEM (STILE 2.0)</a>	Ellen Meier	Teachers College, Columbia University
1502571	<a href="#">Three-Dimensional Teaching and Learning: Rebuilding and Researching an Online Middle School Curriculum*</a>	Susan Kowalski	Biological Sciences Curriculum Study