2016 STEM For All Video Showcase | DR K-12 Presenters

Award #	Lead Presenter	Project Title	Video Title	Link to Showcase Video
1545908	Madelyn Colonnese	A Task Force on Conceptualizing Elementary Mathematical Writing: Implications for Mathematics Education Stakeholders	Types of and Purposes for Elementary Mathematical Writing Task Force Recommendations	http://videohall.com/p/705
1316433	Nancy Romance	An Integrated Instructional Model for Accelerating Student Achievement in Science and Literacy in Grades 1-2	Reforming Elementary Science Curriculum and Instruction: Implementing the Evidence-Based Science IDEAS Model to Advance Science Learning and Literacy Development across Grades K-5 and Beyond	http://videohall.com/p/742
1222496, 1222426, 1222340	Ryota Matsuura	Assessing Secondary Teachers' Algebraic Habits of Mind (Collaborative Research: Stevens); Assessing Secondary Teachers' Algebraic Habits of Mind (Collaborative Research: Sword); Assessing Secondary Teachers' Algebraic Habits of Mind (Collaborative Research: Matsuura)	Assessing Secondary Teachers' Algebraic Habits of Mind	http://videohall.com/p/701
1315995	Jessica Thompson	Building Capacity for Science Standards Through Networked Improvement Communities	NGSS Networked Improvement Community	http://videohall.com/p/649
1350068	Meixia Ding	CAREER: Algebraic Knowledge for Teaching: A Cross-Cultural Perspective	CAREER: Algebraic Knowledge for Teaching: Evidence from Inverse Relations	http://videohall.com/p/653
1055067	Brittany Webre	CAREER: Mathematics Instruction for English Language Learners (MI-ELL)	Breaking Down Language Barriers: Mathematics of English Language Learners	http://videohall.com/p/700
1503486	Cody Meirick	Collaborative Math: Creating Sustainable Excellence in Mathematics for Head Start Programs	Early Math is Big	http://videohall.com/p/739
1435470	William Finzer	Common Online Data Analysis Platform (CODAP)	Data Exploration Technology Comes to Classrooms via the Common Online Data Analysis Platform (CODAP)	http://videohall.com/p/740

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1417939	Jacqueline Barber	[DIMEs: Immersing Teachers and Students in Virtual Engineering Internships](http://videohall.com/p/686)	Digital Environments to Make Design Thinking Visible	http://videohall.com/p/686
0918702	Jacqueline Miller	[Electronic Teacher Guide: Its Development and Use in Supporting Educative Curricula](http://videohall.com/p/696)	What is Effective Science Curriculum?	http://videohall.com/p/696
1415898	Susan Doubler	[Empowering Teachers through VideoReview](http://videohall.com/p/698)	Empowering Teachers Through VideoReView	http://videohall.com/p/698
1118643	Susan Kowalski	[Energy: A Multidisciplinary Approach for Teachers (EMAT) Designing and Studying a Multidisciplinary, Online Course for High School Teachers](http://videohall.com/p/658)	EMAT: Online Video-Based Lesson Analysis Professional Development for High School Science Teachers	http://videohall.com/p/658
1220305	Christine Cunningham	[Exploring the Efficacy of Engineering is Elementary (E4)](http://videohall.com/p/703)	Every Kid Can Engineer	http://videohall.com/p/703
1418052, 1418211	Sara Lacy	[Focus on Energy: Preparing Elementary Teachers to Meet the NGSS Challenge (Collaborative Research: Lacy); Focus on Energy: Preparing Elementary Teachers to Meet the NGSS Challenge (Collaborative Research: Vokos)](http://videohall.com/p/697)	Focus on Energy	http://videohall.com/p/697
1119163	Victor Mateas	[Implementing the Mathematical Practice Standards: Enhancing Teachers' Ability to Support the Common Core State Standards](http://videohall.com/p/662)	Teacher Professional Development for the Standards for Mathematical Practice	http://videohall.com/p/662
0733323	Ronald Cole	[Improving Science Learning in Inquiry-based Programs (Collaborative Research: Ward)](http://videohall.com/p/652)	Individual, Small Group and Whole Classroom Conversations with Virtual and Human Tutors	http://videohall.com/p/652
1313713	Sam Catherine Johnston	[Inquiry Primed: An Intervention to Mitigate the Effects of Stereotype Threat in Science](http://videohall.com/p/723)	Inquiry Primed: Professional Development to Reduce Stereotype Threat in Science	http://videohall.com/p/723
1415541	Katherine McNeill	[Instructional Leadership for Scientific Practices: Resources for Principals in Evaluating and Supporting Teachers' Science Instruction](http://videohall.com/p/666)	Instructional Leadership for Science Practices	http://videohall.com/p/666
1020243	Merredith Portsmore	[Integrating Engineering and Literacy](http://videohall.com/p/749)	Student Thinking in Novel Engineering: An Integrated Approach to Teaching Engineering and Literacy	http://videohall.com/p/749

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1416781	Shari Metcalf	[Learning about Ecosystems Science and Complex Causality through Experimentation in a Virtual World](http://videohall.com/p/746)	EcoXPT: Ecosystem Science Learning through Simulated Experimentation within an Immersive Virtual Environment	http://videohall.com/p/746
1222944	Jeffrey Barrett	[Learning Trajectories to Support the Growth of Measurement Knowledge: Pre-K Through Middle School](http://videohall.com/p/699)	Investigating Children's Measurement through Learning Trajectories	http://videohall.com/p/699
1118851	Sharon Lynch	[Multiple Instrumental Case Studies of Inclusive STEM-Focused High Schools: Opportunity Structures for Preparation and Inspiration (OSPrI)](http://videohall.com/p/744)	Expanding STEM Opportunities through Inclusive STEM High Schools: Student Profile - Saya	http://videohall.com/p/744
1418440	Rachelle DiStefano	[Next Gen Alliance for Science Education Toolkit](http://videohall.com/p/704)	Next Gen ASET: Using Improvement Science and NICs to Building Interdisciplinary Research Capacity to Support NGSS and to Provide Research Opportunities for Underrepresented Minorities	http://videohall.com/p/704
1551474	Barbara Zahm	[Overcoming Obstacles to Scaling-Up with a Cyberlearning Professional Development Model (Collaborative Research: Zahm)](http://videohall.com/p/745)	Project-Based Inquiry Science (PBIS) CyberPD System with 24/7 Online Resources and 3-D Learning Support	http://videohall.com/p/745
1417895	Jennifer Knudsen	[Preparing Urban Middle Grades Mathematics Teachers to Teach Argumentation Throughout the School Year](http://videohall.com/p/651)	Mathematical Argumentation in Urban Middle-School Classrooms	http://videohall.com/p/651
1316660	May Jadallah	[Promoting Students' Spatial Thinking in Upper Elementary Grades using Geographic Information Systems (GIS)](http://videohall.com/p/664)	Next Generation Problem Solvers: Digital Maps & STEM	http://videohall.com/p/664
1316683	Deborah Hanuscin	[QuEST: Quality Elementary Science Teaching](http://videohall.com/p/648)	Practicum Based Professional Development: The Quality Elementary Science Teaching Program	http://videohall.com/p/648
1503439	Emily Moore	[Ramping Up Accessibility in STEM: Inclusively Designed Simulations for Diverse Learners](http://videohall.com/p/748)	Accessible PhET Simulations for Diverse Learners	http://videohall.com/p/748
1221614	Matt Silberglitt	[SimScientists Assessments: Physical Science Links](http://videohall.com/p/741)	SimScientists Assessments: Physical Science Links	http://videohall.com/p/741

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1020264	Daniel Brenner	[SimScientists Human Body Systems: Using Simulations to Foster Integrated Understanding of Complex, Dynamic, Interactive Systems](http://videohall.com/p/724)	Making Connections to Deepen Understanding: SimScientists Human Body Systems	http://videohall.com/p/724
1417040	Alissa Lange	[Supports for Science and Mathematics Learning in Pre-Kindergarten Dual Language Learners: Designing and Expanding a Professional Development System](http://videohall.com/p/702)	SciMath-DLL: Professional Development to Improve Early Childhood STEM Education for All Children, Including Dual Language Learners	http://videohall.com/p/702
0733264, 1503311	Chad Dorsey	[The GENIQUEST (GENomics Inquiry through QUantitative Trait Loci Exploration with SAIL Technology): Bringing STEM Data to High School Classrooms; Guiding Understanding via Information from Digital Environments (GUIDE)](http://videohall.com/p/753)	Geniverse: An Online World of Dragons and Genetics Experimentation	http://videohall.com/p/753
1523010	Ji Shen	[Transformative Robotics Experience for Elementary Students (TREES)](http://videohall.com/p/743)	Transformative Robotics Experience for Elementary Students	http://videohall.com/p/743
0917958	June Mark	[Transition to Algebra: A Habits of Mind Approach](http://videohall.com/p/747)	Transition to Algebra Curriculum	http://videohall.com/p/747
1503057	Johannah Nikula	[Visual Access to Mathematics: Professional Development for Teachers of English Learners](http://videohall.com/p/737)	Visual Access to Mathematics: Supporting Teachers of English Learners	http://videohall.com/p/737
1502882	Katie Stokinger	[Zoombinis: The Full Development Implementation Research Study of a Computational Thinking Game for Upper Elementary and Middle School Learners](http://videohall.com/p/671)	Learning Computational Thinking through Zoombinis	http://videohall.com/p/671