

Institution	Presenter	Abstract Title	Poster #	Session #
Arizona State University	Zachary Kovach	Good Science Starts With Great Science Teachers	S/F 1	1
Arkansas State University	Kellie Freeman-Nelson	Put Up Your Dukes! A Hands-On Lesson on Plant Defense Creating STEM Teachers for Arkansas' Future	S/F 2	2
Cal Poly Pomona	Stephanie Fonseca	Noyce Scholars in the Community	S/F 3	1
California Polytechnic State University in San Luis Obispo	Megan Ziegler	Teachers Who Conduct Research and their Ability to Apply their Experience to Lesson Plans	S/F 4	2
California State University, Fresno	Vanessa Tucker	Mammalian Biodiversity Survey and Population Dynamics and Naval Air Station Lemoore	S/F 5	1
California State University, Fullerton	Gilbert Hernandez Marvin Soto	Project MT2: Co-Teachers to Colleagues, Two years of Collaboration and Reflecting	S/F 6	2
California State University, Fullerton	Beth Velasco	Comparative Fish Physiology Using Interactive MRI Images in an Informal Science Setting	S/F 7	1
California State University, Northridge	Komal Achhnani	Student-Led Conferences: Turn the Tables	S/F 8	2
California State University, Northridge	Stefnie Evans	The Faces/Facets of Blended Learning at USC Hybrid High School	S/F 9	1
California State University, San Bernardino	Angel Moreno	Lesson Study and its Effects on Classroom Teaching	S/F 10	2
Central Washington University	Kara Jo Thornton	Using Word Walls to Improve Mathematics and Science Performance among English Language Learners in Washington State	S/F 11	1
Chicago State University	Natalie Robinson	Chemistry: Student Confidence and Engagement	S/F 12	2
Columbus State University	Katherine Lodder	Student Teaching Abroad: Being the 'Guinea Pig' in a Country that Eats Cuy	S/F 13	1
CUNY York College	Vanessa Harrison YongHong McDowell	Using Design Thinking in Mathematics Education as a Process for Emergent Mathematics Teachers to Pose, Investigate, and Design Prototypes and Develop Solutions to Pedagogical Challenges	S/F 14	2
Dowling College	Vincent Jacaruso	Dowling College Robert Noyce Scholarship Program Phase II	S/F 15	1
Duke University	Christopher Hewitt	Duke University Master of Arts in Teaching Program	S/F 16	2

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Elon University	Jaime Morin	Elon University Noyce Scholars and the Elon Academy	S/F 17	1
Fayetteville State University	Trabille Cobb Naadiya Hopkins	Bridging Theory with Practice: Integrating the iPad and TI Nspire into the Science and Mathematics Classrooms	S/F 18	2
Kennesaw State University / Bagwell College of Education	David Turk	Analyzing the US Teenage Gun-Related Murder Rate	S/F 19	1
Louisiana State University / Louisiana School for the Visually Impaired	Janet Bean	Visualizing Math for My Students	S/F 20	2
Mississippi State University	Lauren Stutts	Computational Study of Equilibrating Tautomers of Thiazole-, Oxazole-, Benzothiazole- and Benzoxazole-substituted Phenylethenoles	S/F 21	1
North Carolina State University/Kenan Institute for Engineering, Technology & Science	Alexander Constas	Kenan Master Teaching Fellows: Linking Research Experiences and Curriculum Development with Leadership	S/F 22	2
Pacific University	Tara Connelly	Architects 'R Us	S/F 23	1
Rio Salado Collete	Thomas Hagen	Rio Salado College's Innovative Noyce Scholars Post Baccalaureate Teacher Preparation Program	S/F 24	2
Southern Illinois University Carbondale	Chris Midden	Using Action Research to Measure the Impact of Problem-Based Learning on Students' Content Knowledge, Skills, and Attitude towards Light Pollution	S/F 25	1
Stephen F. Austin State University	Peyton Cox	Weaving Together the Threads of Education	S/F 26	2
Stephen F. Austin State University	Penny Long	Texas Leadership Initiative: Mathematics Instruction Transformed (Texas LIMIT)	S/F 27	1
Texas A&M University	Nolan DeMent	Plugging Teachers into Classroom Technology: A Collaborative Project of Noyce and STEM Academy Scholars	S/F 28	2
Texas Tech University	Shelbey Salazar	Noyce Scholars in the Community	S/F 29	1
University of California, Berkeley	Jorge Flores Gamboa	Seeing the Hexagon: Exploring Visual Geometries	S/F 30	2
University of California, Santa Barbara	Cody Foster	Performance-based Assessment of UCSB Noyce Teacher Candidates	S/F 31	1
University of California, Santa Cruz	Jennie Martella	Methods to Support English Learners in Math and Science Classes	S/F 32	2

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University of Colorado at Boulder	Brooke Wittleder	Technology in the Classroom: Implications for Student Attitudes About Learning Science	S/F 33	1
University of Colorado at Boulder / Northglenn High School	Susan Nicholson-Dykstra	Teaching to Learn: Using iPads to Transform Physics Students' Roles	S/F 34	2
University of Colorado Denver	Eryn Hackett Robyn Kinney	Illustrative Mathematics	S/F 35	1
University of Colorado Denver	Eileen Yakish	Building a Community of Math and Science Scholars	S/F 36	2
University of Hawaii at Hilo	Virgilio Viernes	Modeling the Growth of the Kukui Nut Tree: Place-based Math in a Hawaiian Context	S/F 37	1
University of Houston	Gloria Carrillo	Engaging High School Students in Geometry; Houston Cone-icles	S/F 38	2
University of Houston	Geoffrey Hart	Teaching Quantum Mechanical Properties in the High School Setting	S/F 39	1
University of Houston-Downtown	Ilian Rojas	Traditional Mathematics Instructions versus Technology: A Comparison of Integrating Two Methods of Teaching in Geometry	S/F 40	2
University of Houston-Downtown	Angela Rosales	A Comparison Between a Wetland Mitigation Bank and a Natural Wetland using Shannon's Index	S/F 41	1
University of Massachusetts Amherst	Meredith Herdter	Lava Lamps: Turning Up The Heat	S/F 42	2
University of Missouri	Eric Hayes	Project-Based Learning: Flipping the Classroom to Teach Anatomy and Physiology	S/F 43	1
University of North Carolina, Greensboro	Chelsea Joyce	UNCG's Project ExSEL Examines the Efficacy of Service Learning for Pre-Service Science Education	S/F 44	2
University of Northern Colorado	Jill Crookshanks	Science Research Techniques Curriculum Development	S/F 45	1
University of Puerto Rico at Rio Piedras	Yamily Colon	PR Master Math Teacher Program	S/F 46	2
University of South Florida	Arlyn Kilduff	Conceptual Change through Scientific Inquiry: Floating and Sinking in Fresh and Salt Water	S/F 47	1
University of Tennessee at Chattanooga	Christina Mullinax	A Project Based Instruction Unit in Mathematics	S/F 48	2

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University of Tennessee Knoxville	Abigail Delvaux	Investigating the Implementation of Numeracy Strategies in the High School Classroom and Its Effect on Students' Number Sense	S/F 49	1
University of Texas at Dallas	Georgia Stuart	WIP Physics Camp: Informal Physics Education for Middle School Girls	S/F 50	2
University of Texas at Tyler	Jessica Woodruff	Using Primary Endosymbionts as a Tool for Constructing Potato Psyllid ( <i>Bactericera cockerelli</i> ) Phylogenies	S/F 51	1
Winthrop University	Amy Moore	Investigating the Technological Chemistry Learning Environment through the Student Perspective	S/F 52	2
Xavier University of New Orleans	Wes Watts	Xavier University NSF Robert Noyce Scholars Program	S/F 53	1