

**NSF Robert Noyce Teacher Scholarship Program Conference**  
**Washington, DC - May 23-25, 2012**  
**Scholar/Fellow Poster Session Schedule\***

**Poster Session I: May 24th - 1:30pm - 2:45pm**  
**Poster Session II: May 24th - 4:30pm - 5:45pm**

Institution	Presenter	Abstract Title	Poster #	Session #
Arizona State University	Zachary Kovach	Amongst The STARRs: The Collective Experience of ASU's STARR Noyce Scholars	S/F1	1
Boston College: LSOE	Bernard David	Teaching Special Relativity to High School Students	S/F2	2
Boston College: LSOE	Alison Crocker	Teaching Science to English Language Learners	S/F3	1
Boston College: LSOE	Laura Dougherty	Earthquakes are Everywhere!	S/F4	2
Boston College: LSOE	Michael Lavelle	Linguistic Self Esteem	S/F5	1
California Polytechnic State University	Michaela Brant	Noyce Scholar, Biology Teacher, and Science Researcher	S/F6	2
California Polytechnic State University	Colin Malcolm	Flipping the Classroom: A Non-Traditional Approach to Education	S/F7	1
California Polytechnic State University, San Luis Obispo	Connor Drake	The Learn By Doing Lab	S/F8	2
California Polytechnic University, San Luis Obispo	Vicky Giese	Patterns of Cryptic and Aposematic Coloration in Costa Rican Moths: Introducing Inquiry into the Classroom	S/F9	1
California State University, Fresno/ Century High School	Joaquin Alvarado	The STEAM Advisory Board: A Win-Win-Win-Win Situation	S/F10	2
California State University, Fullerton	Thomas Duarte	Project MT2 Three-Fold Impact at Anaheim High School	S/F11	1
California State University, Sacramento	Carolyn Laymon	Discovery of an Apoptosis Inducing Ligand for Burkitt Lymphoma	S/F12	2
California State University, San Bernardino	Jesse Venegas	What Makes Us Unique!	S/F13	1
California State University, Stanislaus	Jonathan Kamp	California State University Stanislaus Robert Noyce Scholars: Connecting and Building Future STEM Teachers of California's Central Valley	S/F14	2
Case Western Reserve University	Raia Contractor	Isle Royale PBL	S/F15	1
Central Washington University	Joseph Le Beau	Noyce Summer Research Experience	S/F16	2
Clemson University	Helen Landmesser	Southeastern Regional Noyce Conference 2012	S/F17	1

**\*Sorted by Institution**

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College of William & Mary	Justin Butterworth	Collaborative Problem Solving: A New Paradigm for Teaching Students with Behavioral Challenges	S/F18	2
Dowling College	Carlington Simms	Title: Observing electron transfer using Ultraviolet/Visible/IR Spectroscopy	S/F19	1
Duke University	Jeannette Cleveland	Incorporating Motion in the Calculus Classroom	S/F20	2
Florida State University	Ashley Lui	Sparking Dialogue Between Industrial Arts and Science Disciplines	S/F21	1
Hampton University	LaTonia Kelley	A Statistical Investigation of Student Assessment in Mathematics	S/F22	2
Indiana University/Purdue University of Indianapolis / Greenfield Central High School	Rebecca Schini	Leadership in Synthetic Biology	S/F23	1
Kennesaw State University	Katy Misel	Who Teaches Chemistry in the U.S.: A National Demographics Study from 1999 to 2008	S/F24	2
Louisiana Tech University	Constance Xandy DeLaney	STEM-Plus: Louisiana Tech University's Noyce Scholarship Program	S/F25	1
Marquette University	Alexius Metten	Project-Based Learning Experience: Developing Engineering Summer Camp	S/F26	2
Middle Tennessee State University	William Russell	Physics Education at MTSU: From Theory to Practice	S/F27	1
Middle Tennessee State University	Paul Turner	Physics Education at MTSU: From Theory to Practice	S/F28	2
Mississippi State University	Kendrick Savage	Developing Mathematical Self-Concept in Algebra II, Advanced Algebra, and Trigonometry Students	S/F29	1
Nazareth College	David Giacherio	On the Other Side of the Interview Table: Adventures of a Second Career Noyce Scholar in a Tight Job Market	S/F30	2
Newberry College	Patrick Clark	21st Century Assessment in Science	S/F31	1
Newberry College	William Glace	Why Flip the Classroom?	S/F32	2

Institution	Presenter	Abstract Title	Poster #	Session #
Newberry College	Adrienne Long	From Music to Mathematics	S/F33	1
Occidental College	Michael Lopez	Oxy MS Teaching Scholars	S/F34	2
Ohio Virtual Academy	Lisa Gillespie	Being an Educator with Ohio Virtual Academy: A Glimpse of the Virtual World	S/F35	1
Ramapo College of New Jersey	Jacqueline Katz	The Science Project: Preparing High School Students for a College Major in the Sciences	S/F36	2
Seattle Pacific University	Amber Frazier	Science Teaching Immersion Experience	S/F37	1
Sonoma State University	Adam Green	Progressive Approaches to Mathematics	S/F38	2
Stephen F. Austin State University	Stacia Prince	Professional Development: Teacher to Teacher	S/F39	1
Stony Brook University	Jessica DeSerio	George W. Hunter: The Civic Monkey	S/F40	2
Texas Tech University	Braden Courtney	Weekly Seminars in the Texas Tech Noyce Scholars Program	S/F41	1
Tucson High Magnet School	Kelly Arganbright	Developing Critical Thinking Skills among Chemistry Students in a High-Needs	S/F42	2
University of California, Berkeley	Carol Quach	NetLogo: Quest for Stability Among Grass, Sheep & Wolves	S/F43	1
University of Chicago	Caitlin Bonham	Split Vision: Modeling Best Teaching Practices for Schools in the University Classroom	S/F44	2
University of Colorado	Rosemary Wulf	Engaging Children in a Hands-On Informal Science Program	S/F45	1
University of Colorado-Boulder	Kristine Johnson	Exploring Linguistically Diverse Education in Elementary School Classrooms and After- School Programs	S/F46	2
University of La Verne	Kristen Chapman	Developing Effective Educators for Science Education	S/F47	1
University of Massachusetts Amherst	Linda Singer	Poster Abstract: Multiple Representations for Algebra Afford Access to the Curriculum to All	S/F48	2

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University of Missouri	Robert Welter	The Effect of Post-Quiz Remediation on Student Understanding of Important Concepts in Biology	S/F49	1
University of North Carolina at Greensboro	Cristina D'Agostino	Forensics in the Classroom	S/F50	2
University of North Texas	La Keisha Leonard	Designing Equitable Lessons in Mathematics	S/F51	1
University of Puerto Rico at Rio Piedras	Tomas Diaz	Puerto Rico Master Math Teacher Program	S/F52	2
University of Southern California	Ana Cristina Lee Escudero	Using Technology to Connect At-Risk Youth with Positive Role Models in Scientific Fields	S/F53	1
University of Tennessee, Knoxville	Michael Lawson	Parent Involvement: An Investigation of Perceptions and the Implementation of Strategies	S/F54	2
University of Texas at Dallas	Georgia Stuart	The Noyce Grant and Pre-Service UTeach Students at the University of Texas at Dallas	S/F55	1
University of Texas at Tyler	Katherine Horn	Determination of Isomorphism Class Using Cayley Graphs	S/F56	2
University of Toledo	Kimberly Bigioni	A Forensic Case Analysis to Engage At-Risk Students in Science	S/F57	1
University of Vermont	Annie Davis	Why Do Plants Matter?	S/F58	2
University of Vermont	Beth White	The University of Vermont Robert Noyce Scholarship Program	S/F59	1
Winthrop University	Thomas Quinlan	Using the Khan Academy and Flipping the Mathematics Classroom	S/F60	2
Winthrop University	Matthew Ryan	The Winthrop Initiative for STEM Educators	S/F61	1
Wittenberg University	Savannah Kiser	The Radiolysis of Water and the Dissolution of UO <sub>2</sub>	S/F62	2