

Institution	Principal Investigator (PI)	Poster Title	Poster #	Session #
American Museum of Natural History	Elaine Howes	Investigating Science Teaching Core Practices in High-Need Urban Settings	1	1
Benedictine University	Allison Wilson	Measuring Active Learning in STEM Classrooms	2	2
Boston College	Lillie Albert	Innovative Noyce Program Practices and Teacher Preparation Models	3	1
Boston University	Suzanne Chapin	Bringing Engineers into STEM Teaching (BEST) Project	4	2
Boston University	Peter Garik	Preparing and Then Retaining New Teachers in High Need Districts: What They Say Helps	5	1
Bryn Mawr College	Victor Donnay	Doing Together What We Can't Do Alone: Bryn Mawr/Haverford Noyce Scholarship Program Partners for Success	6	2
Bryn Mawr College	Victor Donnay	Bryn Mawr and Haverford College Noyce Scholarship Program	7	1
Bryn Mawr College	Victor Donnay	The Philadelphia Regional Noyce Partnership New Teacher Support Program	8	2
Bryn Mawr College	Victor Donnay	EfS-Philly: The Philadelphia Teacher Initiative in Education for Sustainability	9	1
Cal Poly State University, San Luis Obispo	Todd Grundmeier	Cal Poly Mathematics Noyce Program	10	2
Cal Poly State University, San Luis Obispo	John Keller	A Study of the Impact of Pre-Service Teacher Research Experience on Effectiveness, Persistence, and Retention	11	1
California State University, Chico	David Kagan	TEMS II: Teaching Excellence in Math and Science Phase II	12	2
California State University, Fullerton	Mark Ellis	Advancing Teachers of Mathematics to Advance Learning for All (ATMALA)	13	1

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California State University, Northridge	Virginia Vandergon	CSUNoyce Phase II Scholars	14	2
California State University, Sacramento	Jenna Porter	Sacramento Math and Science Teacher Leaders	15	1
California State University, San Marcos	Rong-Ji Chen	Recruiting STEM teaching candidates from a Learning Assistant Program and a Math Subject Matter Preparation program	16	2
Clemson University	Lienne Medford	A Comparison of STEM vs. non-STEM Majors as Career Changer Teachers in the Middle School Math and Science Classroom	17	1
Cleveland State University	Joanne Goodell	Recruiting and Retaining Non-traditional and Minority Students	18	2
College of Staten Island (CUNY)	Jane Coffee	Robert Noyce Teacher Academy at the College of Staten Island (CUNY)	19	1
College of William and Mary	Paul Heideman	How Students Learn, a One-credit Add-On Class for Noyce Scholars at the College of William and Mary	20	2
Colorado School of Mines	Kristine Callan	The Teacher Education Alliance, Mines-UNC Partnership (TEAM-UP): Evolution and activities	21	1
Columbus State University	Tim Howard	CRAFT-STEM: Internships and STEM Camp to Recruit Pre-service Teachers, Mentoring and Community Building to Help with Their Preparation	22	2
Delaware State University	Nicola Edwards	Problem-Based Learning for Future Teachers	23	1
Duke University	Kristen Stephens	Teacher Mentoring Project at Duke University	24	2
Florida International University	Vishodana Thamocharan	Breaking the Cycle: Preparing Future STEM Teachers for the Highest Need Urban Schools by Embracing Culturally Responsive Instruction	25	1
Florida State University	Joseph Travis	FSU-Teach Noyce: Preparing and Supporting Equitable Teaching in Mathematics and Science Classrooms	26	2

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Georgia Institute of Technology	Meltem Alemdar	An Exploratory Study: The Role of Social Networks and Self-Efficacy in the Retention of Noyce Teachers	27	1
Hampton University	Isi Ero-Tolliver	Using Scientific Research Studies to Teach Experimental Design and Data Analysis to Pre-Service Students	28	2
Hunter College	Jeanne Weiler	Twenty-First Century Science Teachers: Preparing Teachers to Use Effective Learning Technologies	29	1
James Madison University	Eric Pyle	EPIC Science Education at James Madison University: Expanding Pathways, Identity and Capacity (EPIC) in Secondary Education	30	2
Kennesaw State University	Brendan Callahan	Supporting the Teachers of TELBio: Teaching English Learners Biology	31	1
Kent State University	Lisa Borgerding	Summer Teaching Internships for Undergraduate STEM Majors for Teacher Recruitment	32	2
Langston University	John Coleman	Recruiting, Developing, and Retaining Tomorrow's Outstanding STEM Teachers for Oklahoma	33	1
Lehman College of The City University of New York (CUNY)	Serigne Gningue	Preparing STEM Teachers to Teach English Language Learners (ELLs): An Innovative Sustainable Teacher Residency Program	34	2
Lewis University	Dorene Huvaere	The Dynamics of Teaching Diverse Students	35	1
Loyola Marymount University	Carolyn Viviano	Lions Roar LMU Noyce Colloquium: Making Meaning out of the Internship Experience	36	2
Mercy College	Meghan Marrero	Mercy College Intensive STEM Teacher Initiative (MISTI): Preparing Math and Science Teachers for High-need Schools	37	1
Metropolitan State University of Denver	Janelle Johnson	Capacity Building for Integrated STEM at an Urban Commuter University: Student Voices	38	2
Miami University	Nazan Bautista	A Community-Based and Culturally Responsive Approach to STEM Teacher Preparation, Induction and Retention	39	1

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Millersville University of PA	Janet White	Highlighting High Impact Experiences	40	2
Mills College	Ruth Cossey	Oakland Urban Teacher Residency: Transformation through Collaboration, Leadership, Inquiry and Equity	41	1
Montclair State University	Sandra Adams	Partnership Between the Montclair State Noyce Science Teacher Scholarship Program and the Newark Montclair Urban Teacher Residency (NMUTR)	42	2
Montclair State University	Erin Krupa	Noyce at Montclair: Preparing the Effective Elementary Mathematics Teacher	43	1
Montgomery College	Debra Poesse	MC NEXT STEM: Supporting an Alternative Pathway to Secondary STEM Teaching	44	2
Montgomery College	Debra Poesse	Trying on Teaching: Being a Learning Assistant at a Two-Year College	45	1
Morehouse College	Cynthia Trawick	Culturally Competent Pre-Service STEM Teacher Development for Black Men	46	2
Mount Saint Mary's University	Carol Johnston	Connecting California State Content Competency Exams with Common Core	47	1
NCSU	Karen Hollebrands	Beginning High School Teachers' Organization of Students for Learning and Methods for Teaching Mathematics	48	2
New York City College of Technology	Fangyang Shen	Innovative Noyce Project at City Tech and BMCC	49	1
Northern Arizona University	Shannon Guerrero	Northern Arizona University's New Teacher Induction Program	50	2
Northern New Mexico College	David Torres	NSF Noyce Grant at Northern New Mexico College	51	1
Oral Roberts University	Catherine Klehm	ORU MASST - Math and Science Scholarships for Teaching: Using Structured Dialogue	52	2

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Oregon State University	Thomas Dick	Ambitious Math and Science Teaching Fellows	53	1
Pennsylvania State University	M. Kathleen Heid	Penn State University Secondary Mathematics Noyce Scholars Program	54	2
Rice University	Anne Papakonstantinou	The Rice University Robert Noyce Master Teaching Fellowship Program	55	1
Rider University	Danielle Jacobs	Year 1 of STEM Scholars at Rider University: Creating Institutional Change & Inter-Institutional Relationships	56	2
Rio Salado College	Jennifer Gresko	Rio Salado College's Innovative Noyce Scholars Post Baccalaureate Educator Preparation Program	57	1
San Francisco State University	Larry Horvath	Mentoring and Modeling within the San Francisco State Robert Noyce Teacher Scholarship Program	58	2
Siena College	James Matthews	Innovative Program Components for Outstanding Mathematics and Computer Science Teaching in High Needs Schools	59	1
Southern Illinois University-Edwardsville	Liza Cummings	Preparing Mathematics Teachers for Southwestern Illinois	60	2
St. Edward's University	Steven Fletcher	Texas STEM Teacher Circle - Building Communities of Practice through an innovative Teacher Induction Program	61	1
State Univ of NY at Geneseo	Kurt Fletcher	The Build-it Leave-it Teach-it Program: A Model for Recruiting and Retaining Pre-Service Physics Teachers	62	2
State University New York College at Cortland	Gregory Phelan	THE SUNY CORTLAND ROBERT NOYCE PROJECT: LESSONS LEARNED SINCE 2009	63	1
Stephen F. Austin State University	Lesla Beverly	Five Year Findings of The Talented Teachers in Training for Texas (T4): Phase I	64	2
Stephen F. Austin State University	Lesla Beverly	The Influence of Mentoring on the Choice of Instructional Methods of Novice Noyce Scholar Teachers	65	1

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Stonehill College	Karen Anderson	Deepening the Impact of Early Field-Experiences	66	2
Stony Brook University	Gregory Rushton	Collaborative Research: Network Retention in Noyce Communities of Practice	67	1
SUNY-Oneonta	Paul Bischoff	The Benefits of Using Noyce Scholar Teachers as Clinical Experience Mentors of Undergraduate Noyce Scholars	68	2
Tennessee State University	Elaine Martin	Recruitment of STEM Teachers: Project Tiger Teach	69	1
Tennessee Technological University	Stephen Robinson	TTU STEM Majors for Rural Teaching (TTU-SMaRT)	70	2
Texas A&M International University	Hoonandara Goonatilake	Noyce Scholars and their Educational and Career Aspirations at TAMIU	71	1
Texas Lutheran University	Toni Sauncy	Building Capacity to Produce Culturally Competent STEM Teachers	72	2
Texas Tech University	Jerry Dwyer	Noyce Teachers Lead The Way In Innovation	73	1
The College of New Jersey	Nathan Magee	Creative strategies to find a few needles in the haystack: Where will the next generation of great high school physics teachers come from?	74	2
The University of Findlay	Bethany Henderson-Dean	Community Outreach Provides Unique Training Opportunities for Pre-Service Teachers	75	1
Truman State University	Ian Lindevald	Truman Noyce Scholars Program for Secondary Mathematics and Physics Teaching	76	2
University of Alabama	Dennis Sunal	Recruiting and Retaining STEM Majors for Teacher Certification	77	1
University of Alabama at Birmingham	Michael Wyss	Networking: A Key to Empowering Noyce-trained Teachers	78	2

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University of Arizona	Cynthia Anhalt	AZ Noyce Scholars Preparing to Teach Mathematics to Culturally Diverse Students	79	1
University of Arkansas Little Rock	Tony Hall	Field Experiences: Early and Often	80	2
University of California, Irvine	Bradley Hughes	Providing Scholarships and Video Feedback for Increased Pre-service STEM Teachers	81	1
University of California, San Diego	Amanda Datnow	The University of California San Diego Education Studies Noyce Scholarship Program	82	2
University of California, Santa Barbara	Julie Bianchini	STEM Teachers for English Language Learners: Excellence and Retention	83	1
University of California, Santa Cruz	Patricia Stoddart	SMTRI: A Study of Science and Mathematics Teacher Candidates Across the University of California System	84	2
University of Central Arkansas	Carl Frederickson	Summer internships for rising sophomores and juniors as a recruitment tool for secondary science and math education: Lessons from two years of interns	85	1
University of Colorado Boulder	Valerie Otero	Learning Assistant and Teacher Research Team Programs to Develop Communities of Future, New, and Experienced Math and Science Teachers	86	2
University of Colorado Colorado Springs	Patrick McGuire	Augmenting Pre-service STEM Teacher Preparation with Professional Learning Communities	87	1
University of Florida	Tom Dana	STEM EduGators: UF Noyce Scholars Program	88	2
University of Hawaii at Manoa	Tara O'Neill	Building Sustainable Pathways to STEM Teaching	89	1
University of Houston	Paige Evans	STEM Teacher Preparation at the University of Houston: Learning through Informal and Formal Experiences (UH-LIFE)	90	2
University of Houston	Donna Stokes	University of Houston Robert Noyce Scholarship and Internship program: Secondary Physics and Chemistry Teacher Preparation	91	1

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University of Houston - Downtown	Brad Hoge	Year One of ESPRIT de Corps	92	2
University of Kentucky	Margaret Mohr-Schroeder	Modeling for Understanding with NOYCE Fellows	93	1
University of Louisiana at Lafayette	Peter Sheppard	Using Undergraduate Noyce Scholars to Introduce Biological and Mathematical Principles to Third Graders	94	2
University of Maine	Susan McKay	An Analysis of Recruitment Strategies to Attract Applicants for an NSF Teaching Fellowship Program in Partnership with Rural High-Need Schools	95	1
University of Massachusetts Amherst	Sandra Madden	Supporting STEM Teaching and Learning through Communities: Action Research	96	2
University of Massachusetts Dartmouth	Stephen Witzig	TEACH! SouthCoast STEM - a TF/MTF Project at UMass Dartmouth	97	1
University of Minnesota	Gillian Roehrig	A Study on Promoting Reflective and Equitable Practice Through Science Teacher Induction	98	2
University of MO - St. Louis	Charles Granger	UMSL BEST: Supporting Collaboration and Innovation in STEM teacher preparation	99	1
University of Montana	David Erickson	Learning Assistants Become Teachers	100	2
University of Nebraska at Omaha	Neal Grandgenett	Poster Abstract #1 (NSF# 1339513): UNO Nebraska Math Noyce Partnership Poster Abstract #2 (NSF# 1659058): UNO's Omaha/Nebraska Science Partnership	101	1
University of New Hampshire	Sharon McCrone	Expanding STEM Education through Rural Opportunities	102	2
University of New Hampshire	Dawn Meredith	Culturally Responsive and Effective STEM Teaching	103	1
University of Portland	Stephanie Salomone	IMPACT OF ROBERT NOYCE SCHOLARSHIP ON TEACHER RECRUITMENT	104	2

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University of Rhode Island	Anne Seitsinger	Recruiting STEM Majors into Teacher Education: URI's Robert Noyce Teacher Scholarship Program	105	1
University of Rochester	Cynthia Callard	Moving Towards Teacher Leadership Through Content-focused Coaching	106	2
University of South Alabama	Andre Green	Southeast Regional Noyce Connections: Convening a Community of Learners Focused on STEM Pre-Service Teacher Education	107	1
University of South Carolina	Christine Lotter	University of South Carolina Science and Mathematics Teachers Initiative Phase 2 (USC-SMTI P2): Continuing to Improve Teacher Preparation & Retention	108	2
University of South Carolina	Jan Yow	Developing Rural Science and Mathematics Teacher Leaders	109	1
University of South Florida	Allan Feldman	Interest STEM-ing from Experience: Engaging Undergraduates in a Summer Collaborative Action Research Internship	110	2
University of Southern California	Fred Freking	The USC Robert Noyce Science Teacher Scholarship Program: Survey Results from five years of Noyce Scholars.	111	1
University of Tennessee	Susan Benner	TEACHHere	112	2
University of Texas at Arlington	Ann Cavallo	Research-based Practices: Preparing and Retaining STEM Teachers for the Future through the NSF Noyce Program	113	1
University of Texas at Arlington	Ann Cavallo	Impacts of the NSF Noyce Program on Preparing and Retaining Highly Qualified Teachers in High Need Schools	114	2
University of West Florida	John Pecore	Partnerships Between Formal, Informal, and Higher Education to Develop STEM teachers	115	1
University of West Georgia	Dianne Hoff	Enriching University of West Georgia Preservice Teachers Preparations through School and Community Partnerships	116	2
University of Wisconsin Milwaukee	Mike Steele	The Milwaukee Master Teacher Partnership: Developing Teacher Practice and Leadership	117	1

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University of Wyoming	Andrea Burrows	Using a Chatroom to Build Community in a Noyce Project: SWARMS Connects	118	2
University of Wyoming	Jacqueline Leonard	Developing Science and Mathematics Teacher Efficacy Among Noyce Scholars in the Rocky Mountain West	119	1
UW-Platteville	Philip Parker	Building Capacity for the Engineers to Teachers Program	120	2
Vanderbilt University	Heather Johnson	Exploring Factors that Shape Recruitment and Retention of Black Noyce Scholars	121	1
Virginia State University	Cheryl Adeyemi	Knocking Down Barriers: Identifying and Understanding key factors impacting Pre-service teachers Success with the Praxis 2 Mathematics: Content Knowledge Exam	122	2
Virginia Tech	Catherine Ulrich	Preparing Teachers to Work With Students who are English Language Learners	123	1
West Virginia University	John Stewart	WVUteach-Noyce: Building the Educational Infrastructure to Transform the Economy of West Virginia	124	2
Westminster College	Amy Camardese	IQ STEM:IMPROVING QUALITY STEM EDUCATORS IN WESTERN PENNSYLVANIA	125	1
William and Mary	Paul Heideman	A Model for Recruitment, Retention, and Induction Support for Math and Science Teachers in High Needs Schools	126	2
William Paterson University	Djanna Hill	Working with Community Colleges to Increase the STEM Pipeline	127	1
Winthrop University	Beth Costner	Winthrop Initiative for STEM Educators: A Multi-phased Approach to Development	128	2