



2019 Noyce Summit
The Role of Teacher Preparation in
STEM Teacher Retention in High-Need School Districts
 July 10-12, 2019 | Washington, D.C.

PI Poster Session Schedule*
 Session 1: Wednesday, July 10th
 7:30pm - 9:00pm
 Session 2: Thursday, July 11th
 4:30pm - 5:45pm

POSTER SESSION 1: Wednesday, July 10th 7:30pm - 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Capacity Building	Arcadia University	Augusto Macalalag	Philadelphia Regional Noyce Partnership Conference Series	1	1
Capacity Building	California State University Monterey Bay	Corin Slown	Preparing Effective STEM Teachers through Curricular Alignment	3	1
Capacity Building	Saint Anselm College	Kelly Demers	Blazing the Trail for STEM Teachers: a Noyce Capacity Building Project	5	1
Capacity Building	Southern Illinois University at Edwardsville	Jessica Krim	Strengthening the Network for Teacher Learning: The Intersection of High-Quality and Innovative Teaching Activities	7	1
Capacity Building	Towson University	Sandy Spitzer	Modeling for Social Justice: A Model-Eliciting Activity on Gerrymandering	9	1
Capacity Building	University of Georgia	Julie Luft	Georgia Educators in Mathematics and Science Education: A Capacity Building Grant	11	1
Capacity Building	University of Tennessee-Knoxville	Nick Kim	Recruiting Teachers for VolSTeach for Appalachia	13	1

*Listed by Track then by Institution

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	Virginia State University	Cheryl Adeyemi	Using Internship Digital Storytelling to Predict Secondary Mathematics Pre-Service Teacher Outcomes	15	1
Track 1: Scholarships and Stipends	Arizona State University	Andrea Weinberg	Bridging Preservice and Inservice Teaching through a Structured Mentoring Program	17	1
Track 1: Scholarships and Stipends	Boston University	Peter Garik	Going on Seven Cohorts: Preparing Noyce Scholars for Culturally Responsive Classroom Practices	19	1
Track 1: Scholarships and Stipends	California State University, Fullerton	David Pagni	Transitioning Math Majors into Teaching (TMMT): A Community College/University Partnership	21	1
Track 1: Scholarships and Stipends	College of William and Mary	Paul Heideman	Preparing Equity-Minded Mathematics and Science Teachers to Work with Diverse Communities of Learners: A Track 1 Scholarships and Stipends Noyce Project	23	1
Track 1: Scholarships and Stipends	CSU Monterey Bay	Joanne Lieberman	Projects that Promote Equity and Active Learning in Math Classes	25	1
Track 1: Scholarships and Stipends	CSU San Bernardino	Jeremy Aikin	CSUSB Noyce Math and Science Scholars for the Inland Empire	27	1
Track 1: Scholarships and Stipends	Drexel University	Sheila Vaidya	Preparing STEM Teachers for Philadelphia's Middle Schools	29	1
Track 1: Scholarships and Stipends	East Tennessee State University	Beverly Smith	East Tennessee STEM Teacher Scholarship Program	31	1
Track 1: Scholarships and Stipends	George Washington University	Larry Medsker	The George Washington University and Northern Virginia Community College Partnership	33	1

*Listed by Track then by Institution

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	Hampton University	Isi Ero-Tolliver	Co-constructing Interdisciplinary Modules with Pre-Service Teachers for Introduction of Scientific Research Literacy Within STEM Classrooms: Phase II	35	1
Track 1: Scholarships and Stipends	Hood College	Jennifer Cuddapah	A Partnership between a Community College, a Local School System and a College to Facilitate Growth Mindset and Culturally Responsive STEM Teacher Preparation	37	1
Track 1: Scholarships and Stipends	Illinois State University	Rebekka Darner	A Course to Foster Teacher Agency in Alleviating STEM Opportunity & Achievement Gaps	39	1
Track 1: Scholarships and Stipends	Langston University	John K Coleman	Recruiting, Developing, and Retaining Tomorrow's Outstanding STEM Teachers for Oklahoma	41	1
Track 1: Scholarships and Stipends	Loyola Marymount University	C. Viviano	The LMU Noyce Internship Effectiveness as a Recruiting Strategy	43	1
Track 1: Scholarships and Stipends	Mercy College	Meghan Marrero	What Elements Matter in Preparing Science and Math Teachers for High-need Schools?	45	1
Track 1: Scholarships and Stipends	Miami University	Nazan Bautista	Challenges and Adaptations in Implementing a Robert Noyce Program: Miami University as a Case	47	1
Track 1: Scholarships and Stipends	Montgomery College	Debra Poese	Preparing Career Changers for STEM Teaching Through Alternative Certification	49	1
Track 1: Scholarships and Stipends	New York City College of Technology	Fangyang Shen	STEM Education Enrichment in NYC	51	1

*Listed by Track then by Institution

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	Oral Roberts University	Catherine Klehm	ORU MASST: Using Structured Dialogue to Create a Teacher Community in High-Needs Schools	53	1
Track 1: Scholarships and Stipends	Purdue University	Lynn Bryan	Excellence in STEM Teaching in Indiana: Enhancing Undergraduate STEM Teacher Preparation with a K-12 Integrated STEM Education Degree Concentration Program	55	1
Track 1: Scholarships and Stipends	Saint Joseph's University	Tanya Berezovski	The ABCs of Multi-Institutional Partnership: Year 1	57	1
Track 1: Scholarships and Stipends	Saint Peter's University	John Hammett	Building Sustainable Partnerships for 21st Century STEM Teachers	59	1
Track 1: Scholarships and Stipends	Southern Illinois University Edwardsville	Jessica Krim	5 Years in Retrospect: Building a Community of Undergraduate STEM Pre-Service Teachers	61	1
Track 1: Scholarships and Stipends	Stephen F. Austin State University	Chrissy Cross	The Influence of an Early Intensive Field Experience on Participant's Perceptions of STEM Teaching	63	1
Track 1: Scholarships and Stipends	SUNY Geneseo	Kurt Fletcher	The Build-it Leave-it Teach-it Program – Sharing Physics Demos with High School Classrooms	65	1
Track 1: Scholarships and Stipends	Texas A&M International University	Puneet Gill	Noyce Scholarship Program for Mathematics Excellence: Strategies of Teacher Retention in High-Need School Districts	67	1

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	Texas Tech University	Jerry Dwyer	Texas Tech Noyce Scholars Lead K-12 STEM Clubs	69	1
Track 1: Scholarships and Stipends	UNC Charlotte	Anthony Fernandes	Building Relationships with Diverse Students	71	1
Track 1: Scholarships and Stipends	University of Alabama Tuscaloosa	Dennis Sunal	University of Alabama Noyce Scholars Program Recruiting Model	73	1
Track 1: Scholarships and Stipends	University of California, Los Angeles	Imelda Nava	Humanizing STEM	75	1
Track 1: Scholarships and Stipends	University of Houston	Paige Evans	STEM Teacher Preparation at the University of Houston: Learning through Informal and Formal Experiences (UH-LIFE) - Year 3	77	1
Track 1: Scholarships and Stipends	University of Louisiana at Lafayette	Nathan Dolenc	Using Undergraduate Noyce Scholars to Introduce Immune System Science Content to Seventh Graders	79	1
Track 1: Scholarships and Stipends	University of Montana	David Erickson	Learning Assistants Become Teachers (LABT): A Model for Recruitment and Retention	81	1
Track 1: Scholarships and Stipends	University of New Hampshire	Julie Bryce	Engaging Noyce Scholars in Reflections on Culturally Responsive Teaching	83	1
Track 1: Scholarships and Stipends	University of South Alabama	Dr. Susan Ferguson	Noyce Pathway to Science II at the University of South Alabama	85	1

*Listed by Track then by Institution

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	University of South Carolina	Christine Lotter	Project-based Learning with Community Connections	87	1
Track 1: Scholarships and Stipends	University of Tennessee Knoxville	Lynn Hodge	Recruitment and Identity in a STEM Teaching Internship	89	1
Track 1: Scholarships and Stipends	University of Texas at Arlington	Ann Cavallo	Preparing, Inducting, and Retaining Highly Qualified Teachers in Diverse, Economically Disadvantaged Schools	91	1
Track 1: Scholarships and Stipends	University of Texas Rio Grande Valley	Kenneth Smith	Preparing Science and Mathematics Majors to Teach in High-Need School Districts	93	1
Track 1: Scholarships and Stipends	University of West Florida	John Pecore	Interest of STEM Majors to Teach in High-need Middle or High Schools	95	1
Track 1: Scholarships and Stipends	USC Rossier School of Education	Frederick Freking	Lessons Learned from the Implementation and Evaluation of a Synchronous, Online Noyce Program	97	1
Track 1: Scholarships and Stipends	Virginia Commonwealth University	Elizabeth Edmondson	VCU NOYCE INITIATIVE PHASE I and II: An Induction Approach to Teacher Support	99	1
Track 1: Scholarships and Stipends	Westminster College	Amy Camardese	IQ STEM: Increasing Quality STEM Teachers in Western Pennsylvania	101	1

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends, Track 2: Teaching Fellowships, Track 3: Master Teaching Fellowships	San Francisco State University	Larry Horvath	Western Regional Noyce Alliance	103	1
Track 2: Teaching Fellowships	American Museum of Natural History	Jamie Wallace	Culturally Responsive Science Teaching: Stories from the Field	105	1
Track 2: Teaching Fellowships	Georgia State University	Natalie King	Recruiting and Preparing Diverse STEM Professionals to become Highly Effective Teachers	107	1
Track 2: Teaching Fellowships	Lehman College of CUNY	Gillian Bayne	Noyce STEMELL Scholars: Lessons Learned While Teaching and Learning with English Language Learners	109	1
Track 2: Teaching Fellowships	Oregon State University	Thomas Dick	Ambitious Mathematics and Science Teaching	111	1
Track 2: Teaching Fellowships	University of Alabama	Cynthia Sunal	Developing Leaders in Science Teaching (LIST) -- Developing Leaders in Science Teaching through a Professional Collaboration Model	113	1
Track 2: Teaching Fellowships	University of California, Santa Barbara	Julie Bianchini	STELLER: Learning to Teach Multilingual Learners Through Cycles of Inquiry	115	1
Track 2: Teaching Fellowships, Track 3: Master Teaching Fellowships	University of Massachusetts Amherst	Sandra Madden	Supporting STEM Teaching and Learning through Communities (S2TLC): Lesson Observations Tracking MTFs & TFs	117	1

*Listed by Track then by Institution

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 3: Master Teaching Fellowships	College of Staten Island	Irina Lyublinskaya	Developing Science Leaders in High-Need Elementary Schools: Noyce Master Teaching Fellows Academy at College of Staten Island	119	1
Track 3: Master Teaching Fellowships	Rice University	Adem Ekmekci	The Rice University Master Teaching Fellowship Program Midpoint Results: Progress in Development of Teacher Leaders in High-Need Urban Schools	121	1
Track 3: Master Teaching Fellowships	San Diego State University	Susan Nickerson	Using Rehearsals to Support Leadership Development	123	1
Track 3: Master Teaching Fellowships	University of Cincinnati	Helen Meyer	Co-Creating Pre-Service Methods Courses	125	1
Track 3: Master Teaching Fellowships	University of Massachusetts Dartmouth	Stephen Witzig	TEACH! SouthCoast STEM - A TF/MTF Project at UMassD: Final Results & Next Steps	127	1
Track 3: Master Teaching Fellowships	University of South Carolina	Jan Yow	Science & Mathematics Teacher Leaders in Action: Developing Master Teachers through the South Carolina Science and Mathematics Teacher Leaders (SC-SMTL) Program	129	1
Track 4: Noyce Research	California State University, Sacramento	Deidre Sessoms	Science Teacher Preparedness: The Impact of a Noyce Scholarship Program	131	1
Track 4: Noyce Research	Montclair State University	Douglas Larkin	Starting up a Noyce Track 4 Research Project: Preparing State-level Teacher Employment Data for Analysis	133	1

*Listed by Track then by Institution

POSTER SESSION 1: Wednesday, July 10th 7:30pm – 9:00pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 4: Noyce Research	University of Arizona	Sanlyn Buxner	Growing into Teacher-Researchers: Using Mindsets to Frame Research for Noyce Scholars as a Component of Teacher Preparation	135	1
Track 4: Noyce Research	University of Colorado	John Keller	Pre-service and Early-Career STEM Teacher Research Experiences and Teacher Effectiveness, Persistence, and Retention: Year 2	137	1
Track 4: Noyce Research	University of Minnesota	Gillian Roehrig	Exploring Secondary Science Teacher Beliefs and Practices Through Reflective Practice	139	1
Track 4: Noyce Research	University of Nebraska Lincoln	Rachel Funk	Persistence, Effectiveness, and Retention Studies in STEM Teaching: Summary of the Current State of Research in Teaching Persistence and Effectiveness in High-Need Schools	141	1

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Capacity Building	Bryn Mawr College	Victor Donnay	Summer STEM Teaching Experiences for Undergraduates (TEU) from Liberal Arts Institutions	2	2
Capacity Building	Pacific Lutheran University	Ksenija Simic-Muller	How Can Undergraduate Science Majors get Authentic Teaching Experience?	4	2
Capacity Building	Saint Joseph's College	Emily Leshar	Growing Future Science Teachers in Maine	6	2
Capacity Building	St. Bonaventure University	Christine Uhl	Creating Pathways in STEM Education	8	2
Capacity Building	Saint Leo University	Laura Altfeld	Enhancing Teacher Preparedness and Certification in Biology and Math – A Capacity Building Project	10	2
Capacity Building	Towson University	Diana Cheng	Towson University's Pre-Service Teachers' STEM Modeling Activities with Baltimore City Middle School Students	12	2
Capacity Building	University of Saint Mary	Gwen Landever	Creating Pathways: Building the Region's Capacity to Address the STEM Teacher Shortage	14	2
Capacity Building	Upper Iowa University	Barbara Ehlers	Foundations for Advancing STEM Teaching (FAST) in Iowa Rural School Districts	16	2

*Listed by Track then by Institution

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	Alabama A&M University	Salam Khan	Those Who Can Teach: AAMU Robert Noyce Program	18	2
Track 1: Scholarships and Stipends	Barnard College, Columbia University	Lisa Edstrom	Rethinking Mentoring 2.0	20	2
Track 1: Scholarships and Stipends	California Polytechnic State University Foundation	Edward Himmelblau	Supporting Pre-Service and In-Service Noyce Alumni Through Summer Professional Development	22	2
Track 1: Scholarships and Stipends	College of Staten Island (CUNY)	Jane Coffee	Robert Noyce Teacher Academy at the College of Staten Island (CUNY)	24	2
Track 1: Scholarships and Stipends	Colorado School of Mines	Savannah Logan	GFO Copy Write: Development of Written Materials for Recruiting STEM Teachers	26	2
Track 1: Scholarships and Stipends	CSU Northridge	Virginia Vandergon	CSU Noyce Phase II Scholars	28	2
Track 1: Scholarships and Stipends	Dordt University	Valorie Zonnefeld	Innovative Pathways to STEM Teacher Preparation to Lead in High-Need, Rural School Districts	30	2
Track 1: Scholarships and Stipends	East Carolina University	Ron Preston	Teachers' Perceptions of their Experiences as Noyce Scholars at East Carolina University	32	2

*Listed by Track then by Institution

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	Florida International University	Laird Kramer	Year Two Lessons Learned: Helping Noyce Scholars Find a Voice, Solidify Teaching Identity and Develop Critical Teaching Agency	34	2
Track 4: Noyce Research	Georgia Institute of Technology	Meltem Alemdar	Early Career Noyce Teachers' Personal Support and its Impact on Retention and Persistence in Schools	36	2
Track 1: Scholarships and Stipends	Hofstra University	Behailu Mammo	Developing Teacher Self-Efficacy and Dispositions through Tutoring (DTSEDT2)	38	2
Track 1: Scholarships and Stipends	Hunter College	Jeanne Weiler	Summer Experiences for Preparing New Science Teachers	40	2
Track 1: Scholarships and Stipends	Indiana University- Purdue University Indianapolis	Jomo Mutegi	Examining the Self As Teacher: Strategies for Recruitment through of a Noyce Summer Internship and Course	42	2
Track 1: Scholarships and Stipends	Le Moyne College	Wen Ma	STEM Majors' Viewpoints on Career Choices	44	2
Track 1: Scholarships and Stipends	Long Island University	Corbett Redden	LIU Post Mathematics & Teacher Education Scholarship Program	46	2
Track 1: Scholarships and Stipends	MA Department of Higher Education	Allison Little	MassTeach: Creating Partnerships to Diversify the STEM Teacher Pipeline	48	2

*Listed by Track then by Institution

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	Metropolitan State University of Denver	Janelle Johnson	Neer Peer Observation and Mentoring as New Teacher Induction	50	2
Track 1: Scholarships and Stipends	Minnesota State University Moorhead	Alison Wallace	Noyce Neighbors and Networks	52	2
Track 1: Scholarships and Stipends	Mount Saint Marys University	Carol Johnston	Co-Teaching a Course for Literacy and STEM Content	54	2
Track 1: Scholarships and Stipends	Northeastern Illinois University	Huseyin Colak	The Impact of the NOYCE Scholar Program on the Preparedness and Retention of STEM Teachers	56	2
Track 1: Scholarships and Stipends	Pennsylvania State University	Gina Foletta	Modeling for and by Prospective Secondary Mathematics Teachers: Preparing to Teach Students in High Needs Schools	58	2
Track 1: Scholarships and Stipends	Rider University	Danielle Jacobs	Year 3 of STEM Scholars at Rider University: Cohort Building as an Integral Component of Recruitment, Retention, & Preparation of Pre-Service STEM Teachers	60	2
Track 1: Scholarships and Stipends	San Diego State University	Susan Nickerson	Recruiting and Retaining at Multiple Points in Undergrad Education	62	2
Track 1: Scholarships and Stipends	State University of New York College at Cortland	Gregory Phelan	The SUNY Cortland Robert Noyce Project : Lessons Learned Since 2009	64	2

*Listed by Track then by Institution

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 4: Noyce Research	SUNY College at Oneonta	Paul Bischoff	Engaging Noyce Teachers with Noyce Undergraduates during Clinical Placements	66	2
Track 1: Scholarships and Stipends	Stephen F. Austin State University	Jonathan Mitchell	The Role of Mentorship for Developing and Sustaining Future Educators	68	2
Track 1: Scholarships and Stipends	Tennessee Technological University	Holly Anthony	Affordances of a Noyce program – STEM Center Partnership	70	2
Track 1: Scholarships and Stipends	Texas Lutheran University	Toni Sauncy	Preparing Culturally Competent Teachers for South Central Texas	72	2
Track 1: Scholarships and Stipends	Trustees of Boston University	Ziv Feldman	Preparing Secondary Mathematics Teacher to Teach Using Discourse	74	2
Track 1: Scholarships and Stipends	Univeristy of Alabama at Birmingham	J. Michael Wyss	Do Preservice Middle & High School Informal STEM teaching Opportunities Translate to Teacher Retention in Urban Schools?	76	2
Track 1: Scholarships and Stipends	University of Arkansas at Little Rock	Gail Hughes	Do More Diverse Education Program Admission Requirements Result in a More Diverse Teacher Workforce?	78	2
Track 1: Scholarships and Stipends	University of California, Berkeley	Elisa Stone	Characterizing Science Inquiry and Dialogic Mathematics Teaching Practices for Berkeley Graduates	80	2

*Listed by Track then by Institution

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	University of Indianapolis	Kimberly Baker	University-Provided Mentoring: Ensuring Professional Growth and Teacher Retention in Beginning STEM Teachers	82	2
Track 1: Scholarships and Stipends	University of Lynchburg	Allison Jablonski	Preparing Secondary STEM Teachers for Success with Students with Disabilities and Students from Diverse Backgrounds	84	2
Track 1: Scholarships and Stipends	University of Nebraska-Lincoln	Elizabeth Lewis	Meeting the Vision of the NGSS: Critical Factors of Effective Science Teaching	86	2
Track 1: Scholarships and Stipends	University of Rhode Island	Anne Seitsinger	Supporting New STEM Teachers	88	2
Track 1: Scholarships and Stipends	University of South Alabama	Dr. Andre' Green	Noyce Pathway to Mathematics at the University of South Alabama	90	2
Track 1: Scholarships and Stipends	University of Tennessee at Chattanooga	Jennifer Ellis	The Impact of the UTeaChattanooga Noyce Scholarship Program (UNSP) and the Chattanooga STEM Education Noyce Scholarship Program on Recruiting, Retaining, and Preparing STEM High School Teachers.	92	2
Track 1: Scholarships and Stipends	University of Texas	Shelly Rodriguez	UTeach Maker: Promoting Interdisciplinary Innovation	94	2
Track 1: Scholarships and Stipends	University of Texas at Dallas	Mary Urquhart	Surveying for Success: Academic Attitudes of Undergraduate STEM Majors	96	2

*Listed by Track then by Institution

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 1: Scholarships and Stipends	University of Vermont	Regina Toolin	The University of Vermont Noyce Scholars Use of Student Performance Data to Inform Instruction	98	2
Track 1: Scholarships and Stipends	University of Wyoming	Andrea Burrows	Sustaining Wyoming's Advancing Reach in Mathematics and Science: 2014-2019 SWARMS Embraces Computer Science	100	2
Track 1: Scholarships and Stipends	Vanderbilt University	Heather Johnson	Mobilizing STEM Talent for STEM Teaching: Building Stronger Partnerships to Recruit and Retain Teachers of Color	102	2
Track 1: Scholarships and Stipends	West Virginia University	John Stewart	WVUteach-Noyce: Building the Educational Infrastructure to Transform the Economy of West Virginia	104	2
Track 1: Scholarships and Stipends	Winthrop University	Cassandra Bell	Supporting Teacher Candidates from Program to Classroom	106	2
Track 1: Scholarships and Stipends, Track 4: Noyce Research	Queens College	Gopal Subramaniam	NOYCE Students as Co-instructors in Inquiry College Chemistry Lab	108	2
Track 2: Teaching Fellowships	Boston College	Solomon Friedberg	Exemplary Mathematics Educators for High-Needs School: Outcomes From a 6-Year Project	110	2
Track 2: Teaching Fellowships	Newberry College	Katie Simmons	NSF Robert Noyce Project at Newberry College-REMAST-Year 5	112	2

*Listed by Track then by Institution

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 2: Teaching Fellowships	Texas Tech University	Jessica Gottlieb	Exploring Factors related to Entry and Persistence in the STEM Classroom	114	2
Track 2: Teaching Fellowships	University of California, Berkeley	Annie Liang	The Strength of Weak Ties and their Effects on Teachers' Professional Growth: Learnings from MfA Berkeley	116	2
Track 2: Teaching Fellowships	University of Maine	Susan McKay	An Evolving Model of Community Support and Mentoring to Meet the Needs of New STEM Teachers in Rural High-Need Districts	118	2
Track 3: Master Teaching Fellowships	California State University, Sacramento	Jennifer Porter	A Pedagogical Framework for Developing Teacher Leadership	120	2
Track 3: Master Teaching Fellowships	Mercy College	Amanda Gunning	Preparing STEM Master Teacher Fellows: Learning How to Plan for Integrative Instruction	122	2
Track 3: Master Teaching Fellowships	Rice University	Adem Ekmekci	Developing Mathematics Teacher Leaders to Meet the Needs of Urban Schools – Lessons from the Rice University Robert Noyce Master Teaching Fellowship Program	124	2
Track 3: Master Teaching Fellowships	University of Alabama	Jeremy Zelkowski	Alabama's Practitioner Leaders for Underserved Schools in Mathematics	126	2
Track 3: Master Teaching Fellowships	University of Houston	Paige Evans	Enhancing Stem Teacher Leadership Through Equity and Advocacy Development (LEAD) In Houston (LEAD Houston) - Year 2	128	2

POSTER SESSION 2: Thursday, July 11th 4:30pm – 5:45pm

Project Categories:	PI's Institution:	PI	Abstract Title:	Poster #	Session #
Track 3: Master Teaching Fellowships	University of Rochester	Michael Daley	Using a Workshop as a Recruiting Tool for Master Teacher Fellows	130	2
Track 3: Master Teaching Fellowships	University of Rochester	Michael Occhino	Developing Teacher Leadership Through Facilitating Professional Learning	132	2
Track 4: Noyce Research	Middle Tennessee State University	Justin Polizzi	Collaborative Research: Network Retention in Noyce Communities of Practice	134	2
Track 4: Noyce Research	University of California, Santa Barbara	Stacey Carpenter	Preservice Science Teachers' Understanding of Principles of Reform-Based Science Instruction for Diverse Learners	136	2
Track 4: Noyce Research	University of Houston	Catherine Horn	Looking Longitudinally at In-Service Indicators of Noyce Success: Understanding Teacher Within and Between School and District Mobility	138	2
Track 4: Noyce Research	University of Nebraska	Wendy Smith	Teacher Leadership: Investigating the Persistence and Trajectories of Noyce Master Teaching Fellows	140	2