

Thursday, October 29, 2015

Time	Event	Location												
7:30 am – 8:25 am	Breakfast and Registration <i>The registration desk and breakfast buffet will be located in the lobby area outside of the Blackstone Ballroom.</i>	Blackstone Ballroom, Hilton Omaha												
8:30 am – 10 am	Opening Remarks Wendy Smith, PI, Noyce Connections, Associate Director, Center for Science, Mathematics and Computer Education, University of Nebraska-Lincoln <hr/> Opening Plenary Talk <i>Integrated STEM K-12 Curriculum</i> <i>Development for Mainstream Adoption</i> William Hunter, co-PI, Noyce Connections, Director, Center for Mathematics, Science, and Technology, Illinois State University Brad Christensen, STEM Coordinator, Center for Mathematics, Science, and Technology, Illinois State University	Blackstone Ballroom												
10 am – 10:15 am	Morning Break	Lobby area outside Blackstone Ballroom												
10:15 am – 11 am	Panel Discussion <i>Voices from the Field: Noyce Scholars</i> Moderator (Master Teaching Fellow): Tanya Archie, University of Nebraska-Lincoln Noyce Scholar Panelists: Chad Boger, North Dakota State University Kay Burbach, University of Nebraska-Lincoln Ryan Lovelace, Northern Kentucky University Darci Meiners, Xavier University (Ohio) Ben Unger, Michigan State University	Blackstone Ballroom												
11:15 am – 11:45 am	Networking Session 1 – Discussions with Panelists / Q&A with PIs													
Audience:	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Noyce Fellows/Scholars</th> <th style="text-align: center;">Noyce Scholars/MTFs</th> <th style="text-align: center;">Noyce PIs/Admins</th> </tr> </thead> <tbody> <tr> <td>Chad Boger, Fargo Public Schools, N.D. Herndon Room</td> <td>Darci Meiners, Hamilton City School District, Ohio Merchants Room</td> <td>Q&A Science Projects, Kim Nguyen, IUPUI Prague Room</td> </tr> <tr> <td>Kay Burbach, Lincoln Public Schools, Neb. Washington City Room</td> <td>Ben Unger, Detroit Public Schools, Mich. Paxton Room</td> <td>Q&A Math Projects, Wendy Smith, UNL Mercer Room</td> </tr> <tr> <td>Ryan Lovelace, Bellevue Independent Schools, Ky. Cozzens Room</td> <td>Tanya Archie, Omaha Public Schools, Neb. Murray Room</td> <td>Q&A Evaluating Impacts, John Sutton and Emma Espel Rome Room</td> </tr> </tbody> </table>	Noyce Fellows/Scholars	Noyce Scholars/MTFs	Noyce PIs/Admins	Chad Boger, Fargo Public Schools, N.D. Herndon Room	Darci Meiners, Hamilton City School District, Ohio Merchants Room	Q&A Science Projects, Kim Nguyen, IUPUI Prague Room	Kay Burbach, Lincoln Public Schools, Neb. Washington City Room	Ben Unger, Detroit Public Schools, Mich. Paxton Room	Q&A Math Projects, Wendy Smith, UNL Mercer Room	Ryan Lovelace, Bellevue Independent Schools, Ky. Cozzens Room	Tanya Archie, Omaha Public Schools, Neb. Murray Room	Q&A Evaluating Impacts, John Sutton and Emma Espel Rome Room	
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Noon – 1:30 pm	Lunch & Plenary Talk <i>Building Capacity for STEM Education for All</i> Yvonne Spicer, Vice President of Advocacy and Educational Partnerships, National Center for Technological Literacy, Museum of Science, Boston	Blackstone Ballroom	
1:30 pm – 2 pm	Noyce by the Numbers TJ Murphy, NSF Program Officer	Blackstone Ballroom	
2:15 pm – 3 pm	Networking Session 2 – Workshops by Noyce Projects (Abstracts in Program)		
Audience:	Noyce Fellows/Scholars	All	Noyce PIs/Admins
	<i>Catchy vs. Comprehension: Mnemonics and Memory Techniques Fall Short of Achieving Student Understanding</i> Tanya Archie, University of Nebraska-Lincoln Herndon Room Strand 1	<i>Engaging Interns with Youth, Engaging Youth with STEM: A Summer Camp for Middle School Girls</i> Angie Hodge, Neal Grandgenett, Dylan King, Richard Krueger, Nadia Missak, Seth Nickolaison, Carly Olsen and Dylan Sorrell, University of Nebraska at Omaha Merchants Room Strand 2	<i>Recruitment and Retention of Secondary-Level, Noyce Scholar, Mathematics Teachers</i> Robert Ferdinand, East Central University Prague Room Strand 4
	<i>The Price is Right! Using Free Online Resources to Engage Every Math Learner</i> Katie Garcia and Lauren Beitel, University of Nebraska-Lincoln Washington City Room Strand 2	<i>Encouraging STEM Students to Become Teachers: Summer Internships and Community Engagement</i> Abigail Moninghoff, Veronica Lawrence, Courtney Garside and Darci Meiners, Xavier University Paxton Room Strand 4	<i>Beyond Accountability: A Tool for Monitoring Noyce Scholars' Progress through the Program and Beyond</i> Helen Meyer, Imelda Castañeda-Emenaker and Audra Morrison, University of Cincinnati Mercer Room Strand 3
	<i>Listening to the Masters: Great Science Teachers and Science Teacher Mentors Redesign Science Teacher Preparation</i> Gigi Saunders, JoAnn Hite, Pat Quick, Kathy McGrane and Denise Vinton, Missouri State University Cozzens Room Strand 4	<i>Southern Illinois Community of Problem Solvers: Impacts on Master Teaching Fellows' Leadership Skills and Teachers' Research Skills</i> Selena Sasser, Kristal Deming and Tammy Patterson, Southern Illinois University Carbondale Murray Room Strand 1	<i>Value-Added Experiences for a Rural Noyce Program</i> Bill Weber and Ann Noble, Fort Hays State University Rome Room Strand 4

- Conference Strands:
- Mathematics and Science Teaching and Learning:** How do we prepare STEM teachers to integrate STEM learning for all?
 - Equity:** How do we extend STEM learning for all students?
 - Assessment:** How do we know we are making progress toward more effective STEM teaching and learning?
 - Recruitment and Retention:** How do we recruit, train, and retain high-quality STEM teachers who can ground STEM learning for all?

3:15 pm – 4 pm	Networking Session 3 – Workshops by Noyce Projects (Abstracts in Program)		
Audience:	Noyce Fellows/Scholars	All	Noyce PIs/Admins
	<i>Modeling in Math: Orienteering and the Story of Bacon</i> Daniel Schaben, University of Nebraska-Lincoln Herndon Room Strand 1	<i>Using Field Experiences to Uncover Interests in Teaching</i> Dionne Jackson and Liz Gron, Hendrix College Merchants Room Strand 4	<i>Strategies for Success: Recruitment and Retention of STEM Teachers</i> Diane Corrigan, Gary McPherson, Brianna Scimone and Britnee Laurence, Cleveland State University Prague Room Strand 4
	<i>How to Improve Inquiry and Discourse in Science Lessons</i> Elizabeth Lewis, University of Nebraska-Lincoln Washington City Room Strand 2	<i>Organizing a Middle School Math Camp Led by Noyce Scholars and Interns</i> Brooke Buckley and Bethany Noblitt, Northern Kentucky University Paxton Room Strand 4	<i>How to Use the Wheel without Reinventing it: Measures for Noyce Project Evaluation</i> Emma Espel and John Sutton, RMC Research Mercer Room Strand 3
	<i>Learners and Leaders: Working with Students while Learning about Students and IT</i> Ifrah Aliawl and Miles Walton, University of Cincinnati Cozzens Room Strand 1	<i>Incorporating Nanotechnology into the Science Classroom and Exploring Nanotechnology College and Career Readiness Pathways</i> Robert Vittoe, Indiana University-Purdue University Indianapolis Murray Room Strand 1	<i>Retaining Rural STEM Teachers by Building a Community</i> Sharon Vestal and Matt Miller, South Dakota State University Rome Room Strand 4
4 pm – 4:30 pm	Afternoon Break & Poster Setup <i>Poster presenters should set up their posters at this time in the Blackstone Ballroom. Command strips will be provided. Snacks available at this time in the lobby area outside the ballroom.</i>		Blackstone Ballroom
4:30 pm – 6 pm	Poster Session <i>Poster presenters will be available to discuss their posters. See the program for the list of poster presenters.</i>		Blackstone Ballroom
6 pm	Dinner on your Own <i>You are welcome to meet in the hotel's main lobby and walk to restaurants in the downtown Omaha area. The Hilton shuttle also will drive you to any restaurants within a 3-mile radius. Find a dining guide in your packet.</i>		Old Market area, Downtown Omaha

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7:30 am – 8:55 am	Breakfast & Poster Takedown <i>The breakfast buffet will be located in the lobby area outside of the Blackstone Ballroom. If you presented a poster, please take it down inside the ballroom at this time.</i>	Blackstone Ballroom, Hilton Omaha	
8 am – 8:55 am	Networking at Round Tables <i>Tables in the ballroom will have handouts and questions for discussion about math and science identities. Read, discuss and fill out the forms before the plenary talk begins at 9 am.</i>	Blackstone Ballroom	
9 am – 10:15 am	Plenary Talk <i>From Discovery to Identity: Exploring Ways to Engage All Youth in Science</i> Julia McQuillan, Professor and Chair of Sociology, University of Nebraska-Lincoln	Blackstone Ballroom	
10:30 am – 11:15 am	Networking Session 4 – Workshops by Noyce Projects (Abstracts in Program)		
Audience:	Noyce Fellows/Scholars	All	
	Noyce PIs/Admins		
	<i>A Fresh Look at Functions</i> Alicia Davis and Anne Schmidt, University of Nebraska-Lincoln Herndon Room Strand 2	<i>Self-efficacy and its Essential role in a STEM Classroom</i> Behailu Mammo, Hofstra University Cozzens Room Strand 1	<i>What do you know?: Not much, you?</i> Michael Beeth, University of Wisconsin-Oshkosh Murray Room Strand 1
	<i>Engaging Middle/High School Students in Learning Science: How Do We Get Them on Board?</i> Nicholas Mitchaner, Indiana University-Purdue University Indianapolis Washington City Room Strand 2	<i>“On Fire” or “Lacking the Spark”: Four Types of Self-Directed Critical Thinking of Pre-service Teachers</i> Erik Shaver, Indiana University-Purdue University Indianapolis Merchants Room Strand 1	<i>Exploring Noyce Track 4 and Phase II Grants</i> Wendy Smith, University of Nebraska-Lincoln Prague Room Strand 4
11:30 am – 1 pm	Lunch & Plenary Talk <i>Regaining STEAM in STEM Education through Transcending Boundaries: A Transformative Framework for Educating ALL Students</i> Roni Ellington, Associate Professor of Mathematics Education and Coordinator of the Graduate Programs in Mathematics Education, Morgan State University	Blackstone Ballroom	
1 pm – 1:30 pm	Closing Remarks Wendy Smith, PI, Noyce Connections	Blackstone Ballroom	