



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



Scholar/Fellow Poster Session Schedule
 Session 1: Wednesday, July 10th
 7:30pm - 9:00pm (pages 1-2)
 Session 2: Thursday, July 11th
 4:30pm - 5:45pm (pages 3-4)

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

Discipline	PI's Institution:	Fellow Name	Abstract Title:	Poster #	Session #
Biology	Fort Lewis College	Camela Brown	Cultural Competency: Preparing for Future Classrooms	S/F 1	1
Biology	Marquette University	Samantha Knudson	STEM Teaching Rationale	S/F 3	1
Biology	Mount Saint Mary's University	De'Asha Moore	Vibration Directed Root Growth in Zea Mays	S/F 5	1
Biology	Lewis University	Patrick Piwoni	Determining the Preference of Block Versus Traditional Scheduling	S/F 7	1
Biology	North Carolina Agricultural and Technical State University	Dominique Washington	The Keys to Teacher Leader Success	S/F 9	1
Biology	Lewis University	Steven Zeko	Implementing Avida-ED in Education	S/F 11	1
Biology, Chemistry, Computer Science, Engineering, Geosciences, Math, Physics	Ohio State University	Christine Harris	Intersection of Urban Teaching and Pre-Service Teachers' Self-Efficacy	S/F 13	1
Biology, Chemistry, Engineering, Geosciences, Math, Physics	University of Nebraska at Omaha	Amanda Shultz	Engaging NOYCE Participants in Teaching and Research Experiences via NE STEM 4U	S/F 15	1

*Listed by Discipline and then by Scholar's/Fellow's Last Name



This icon indicates sessions that may be of particular interest to Noyce Scholars/Fellows.

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

Biology, Chemistry, Geosciences, Math, Physics	University of Rochester	Alyssa Rutherford	Digitally-Rich Teaching in Culturally Sustaining Classrooms	S/F 17	1
Biology, Chemistry, Math	San Juan College	Brandon Begay	Diversity in Mathematical Mindsets	S/F 19	1
Biology, Chemistry, Math, Physics	South Dakota State University	Amanda Jensen	Social Network Analysis as a Tool to Examine a NOYCE Community's Facebook Group	S/F 21	1
Biology, Engineering, Math	Savannah State University	Aaliyah Buckholts	STEM Educator Attitudes on Their Preparedness to Teach in High Needs Districts	S/F 23	1
Math	University of Arizona South	Sergio Catenazzo	The Impact of Peer Instruction on the Hispanic Student	S/F 25	1
Math	California State University at Fullerton	Jennifer Fuentes	Micro-Credential Modules Promoting Shifts in Teacher Practice that Support CRMT	S/F 27	1
Math	Eastern Washington University	Ian Lynch	Effects of a Rotation/Lab Model on Student Engagement in Middle School Math	S/F 29	1
Math	Berry College	Francesca Reda	Enriching Mathematics Curriculum Using 3D Printing and Design	S/F 31	1
Math	Vanderbilt University	Marissa Stewart	Mobilizing STEM Talent for STEM Teaching: Designing Inclusive Math Classrooms	S/F 33	1

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American Association for the Advancement of Science

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

Biology	Morehead State University	Hannah Brewer	Factors Associated with Students Leaving Quantitative STEM Majors: A Case Study	S/F 2	2
Biology	Florida International University	Octavio Fernandez	Teaching for Your Students: How One Change You Make Can Influence a Student	S/F 4	2
Biology	Loyola University Chicago	Shannon Le	Increasing Student Engagement: Gamify Your Lesson	S/F 6	2
Biology	University of Rochester	Jason McMurray	Motivation for Learning in a High School Alternative Science Classroom Setting	S/F 8	2
Biology	San Diego State University	Priscilla Soto	SDSU Noyce Scholars and Interns Program: Mentoring for Novice Teachers	S/F 10	2
Biology, Chemistry, Computer Science, Engineering, Geosciences, Math, Physics	University of Washington	Soo-Yean Shim	Effective Mentoring for Enriching Preservice Teachers' Clinical Experiences	S/F 12	2
Chemistry	University of South Florida	Katlyn Green	The Use of Physical and Computational Models in the Secondary Science Classroom	S/F 14	2
Chemistry	University of Iowa	Andrea Warhurst	An Overview of the University of Iowa Noyce Program- Continued Growth and Future	S/F 16	2
Chemistry, Math, Physics	University of Wisconsin - River Falls	Jacob Brunsvold	Developing Culturally Relevant Projects in Rural and Urban Schools	S/F 18	2



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Geosciences	American Museum of Natural History	Elaine Howes	Creating and Maintaining a Student-Centered and Culturally Responsive Earth Science	S/F 20	2
Math	Miami University	Cassie Campbell	Creating Culturally Relevant Pedagogy in STEM	S/F 22	2
Math	University of Colorado, Colorado Springs	Mary Olson	Teaching Students with Poverty in Mind	S/F 24	2
Math	University of Nebraska at Omaha	Rachel Pugh	The Importance of Setting Goals	S/F 26	2
Math	The University of Vermont, MAT in Secondary Education Program	Ghana Rimal	Analysis of Learning: Utilizing Assessment Data to Improve Student Proficiency	S/F 28	2
Other: General science/special education & STEM	Southern Illinois University	Julie Wittenborn-Sikorski	Informal Partnerships in Rural Schools	S/F 30	2
Physics	Florida International University	Rigel Jimenez	Social Justice Awareness: Application of Mental Models to Social Justice in Education	S/F 32	2

