SRI Education Researchers Presenting at the AERA 2016 Annual Meeting  
Washington, DC | April 8 – 12

Addressing Critical Questions About Education Through Rigorous Research and Innovation

**FRIDAY APRIL 8** 12:00-1:30 PM 
Roundtable Session 1: **Approaches to Sustaining District-Wide Improvement: Curriculum, Organizational Coherence, and Data Use**

Paper: *Building a Data Analytics Partnership to Inform School Leadership Evidence-Based Improvement Cycles*

Andrew Krumm, Mingyu Feng, Timothy Podkul  
Convention Center, Level Two, Exhibit Hall D Section A

**FRIDAY APRIL 8** 12:00-1:30 PM 

Paper: *Development of an Early Mathematics Assessment to Evaluate the Promise of a Program for Families*

Sara Vasquez, Ximena Dominguez  
Convention Center, Level Two, Exhibit Hall D Section D

**FRIDAY APRIL 8** 12:00-1:30 PM 
Roundtable Session 1: **Capacity and Collaboration in Times of Reform: New Ideas About Educational Change and School Development**

Paper: *“Day in the Life” Studies of Students in Comprehensive and STEM High Schools: Opportunity Structures*

Ann House  
Convention Center, Level Two, Exhibit Hall D Section A

**SATURDAY APRIL 9** 8:15-9:45 AM 
Poster Session 1: **Discipline-Based Research in Computing and Robotics**

Poster: *Process Over Product for Studying Computational Thinking Practices in Introductory Programming*

Shuchi Grover, Marie Bienkowski  
Convention Center, Level Two, Exhibit Hall D
SATURDAY APRIL 9  12:25-1:55 PM
Roundtable Session 21: Implementation of National and State Policies and Initiatives
Paper: Implementation Evaluation of Advanced Placement Science Courses in a Randomized Control Trial
Raymond McGhee
Convention Center, Level Two, Exhibit Hall D Section C

SATURDAY APRIL 9  12:25-1:55 PM
Poster Session 3: Learning Process and Effects of Technology-Enhanced Learning
Poster: The Role of Computer-Based Writing in the Accuracy of Students' Performance Monitoring
Erica Snow
Convention Center, Level Two, Exhibit Hall D

SATURDAY APRIL 9  4:05-5:35 PM
Poster Session 5: Advanced Technologies for Learning
Poster: Investigating Noncognitive Constructs as Part of Learning in Digital Environments Using Evidence-Centered Design
Ruchi Bhanot, Britte Cheng, and Andrew Krumm
Convention Center, Level Two, Exhibit Hall D

SUNDAY, APRIL 10  10:35 AM-12:05 PM
Roundtable Session 33: Exploring Ideas to Work With At-Risk Students
Paper: Improving Nonnative English Speakers’ Reading Proficiency Using the Intelligent Tutoring System Interactive Strategy Training for Active Reading and Thinking–Motivationally Enhanced (iSTART-ME)
Erica Snow
Convention Center, Level Two, Exhibit Hall D Section D

SUNDAY, APRIL 10  2:45-4:15 PM
Structured Poster Session: Designing for Teacher Learning and Enduring Reform Within Science Education
Paper: Co-Designing Supports for Science Instruction: Lessons From a Research-Practice Partnership
Nonye Alozie, Savitha Moorthy, Andrew Krumm
Convention Center, Level Two, Room 101

SUNDAY, APRIL 10  8:15-10:15 AM
Invited Speaker Session: Increasing Educational Opportunities and Improving Outcomes for English Learners: Partnerships Between Public Scholars and School Leaders
Haiwen Wang, participant
Convention Center, Level Two, Room 201

SUNDAY, APRIL 10  8:15-10:15 AM
Roundtable Session 29: Teacher Perceptions of Social Emotional Learning
Claire Christensen
Convention Center, Level Two, Exhibit Hall D Section B

SUNDAY, APRIL 10  2:45-4:15 PM
Invited Speaker Session: From Idea to Reality: Using Research, Policy, and Practice to Develop a K-12 STEM Education Indicator System
Barbara Means, participant
Convention Center, Level Two, Room 201
MONDAY, APRIL 11  7:45-9:15 AM
Paper Session: Measurement and Validity Issues in Survey Research
Matthew Gaertner, Discussant
Marriott Marquis, Level Four, Independence Salon C

MONDAY, APRIL 11  11:45AM-1:15 PM
Symposium: Scaling up Digital Media Innovations
Paper: Influences on the Scaling of Digital Learning Resources
Barbara Means, Vanessa Peters
Marriott Marquis, Level Four, Capitol

MONDAY, APRIL 11  2:45-4:15 PM
Paper Session: Supporting the College Success of Underserved Students: Challenges and Opportunities
Matthew Gaertner, Chair
Convention Center, Level One, Room 159B

MONDAY, APRIL 11  4:30-6:30 PM
Symposium: Five Years of Research: Inclusive STEM Schools as Vehicles for Improving Educational Opportunity
Paper: A Logic Model for Inclusive STEM High Schools: How Interrelationships Among Critical Components Explain Students’ Success
Ann House, Barbara Means
Paper: Understanding the Impacts of Attending a STEM-Focused High School
Barbara Means, Ann House, Haiwen Wang, Viki Young, Vanessa Peters
Convention Center, Level Two, Room 206

MONDAY, APRIL 11  4:30-6:00 PM
Paper Session: Learning, Instruction, and Motivation in Computer Science Education
Marie Bienkowski, Chair
Convention Center, Level One, Room 145 A

TUESDAY, APRIL 12  8:15-9:45 AM
Structured Poster Session: Brokering Future Learning Opportunities: Theoretical and Practical Considerations for Linking Youth to Out-of-School Time Opportunities
Paper: Youth as Knowledge Brokers Across Learning Environments: Social Capital as Catalyst for Cross-Setting Learning
Timothy Podkul, Denise Sauerteig
Convention Center, Level One, Room 103 A

TUESDAY, APRIL 12  8:15-10:15 AM
Paper Session: Teacher Sorting and Turnover
H. Alix Gallagher, Discussant
Convention Center, Level Two, Room 209 C

TUESDAY, APRIL 12  10:35AM-12:05 PM
Symposium: When Education Policy Backfires and What We Can Learn
Paper: Rescue Mission: The Effects of a School Closure on Displaced Students
Matthew Gaertner
Convention Center, Level One, Room 149B
SRI Education, a division of SRI International, is tackling the most complex issues in education to identify trends, understand outcomes, and guide policy and practice. We work with federal and state agencies, school districts, foundations, nonprofit organizations, and businesses to provide research-based solutions to challenges posed by rapid social, technological and economic change. SRI International is a nonprofit research institute whose innovations have created new industries, extraordinary marketplace value, and lasting benefits to society.

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TUESDAY, APRIL 12 10:35AM-12:05 PM
Structured Poster Session: Collaboration to Improve Educational Opportunities for English Learners in the U.S.

Paper: Analysis of English Learners’ Science Achievement as a Boundary Practice in a Research-Practice Partnership
Savitha Moorthy, Andrew Krumm, Ying Zheng
Convention Center, Level One, Room 101

TUESDAY, APRIL 12 12:25-1:55 PM
Roundtable Session 54: Innovative Investigations of Preservice Field Experiences in Varied Disciplines

Paper: Using a Problem-Based and Collaborative Workshop Model to Foster Greater Situational Decision Making Among Student Teachers
Nonye Alozie
Convention Center, Level Three, Ballroom A

TUESDAY, APRIL 12 2:15-3:45 PM

Paper: Using Curated Public Media Resources to Support Children’s Mathematics Learning
Carlin Llorente, Ximena Dominguez
Savitha Moorthy, Chair
Convention Center, Level One, Room 144B

TUESDAY, APRIL 12 2:15-3:45 PM
Paper Session: Reforming College Admission Policies: Evidence from Institutional Data and Perspectives from Admission Officers

Paper: A Dream Undone? Higher Education Access in a Shifting Legal Landscape
Matthew Gaertner
Convention Center, Level One, Room 151A

Note: many presentations listed are collaborative efforts with researchers from other institutions. Due to space constraints, only SRI Education staff names are listed above.