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 One, 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

MONDAY, APRIL 11 8:45-9:45 AM
Paper Session: Measurement and Validity Issues in Survey Research
Matthew Gaertner, Discussant
Marriott Marquis, Level Four, Independence Salon C

MONDAY, APRIL 11 12:25-1:55 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  2:15-3:45 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  4:05-6:05 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  4:05-5:35 PM
Paper Session: Learning, Instruction, and Motivation in Computer Science Education
Marie Bienkowski, Chair
Convention Center, Level One, Room 145 A

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

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  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

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

NOT YET SCHEDULED

Invited Session: From Idea to Reality: Using Research, Policy, and Practice to Develop a K-12 STEM Education Indicator System

Barbara Means, participant

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