**Presentations by IES-funded Researchers**

**At**

**THE SOCIETY FOR RESEARCH ON EDUCATIONAL EFFECTIVENESS (SREE)**

**SPRING 2016 CONFERENCE - MARCH 3-5, 2016**

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**THURSDAY MARCH 3, 2016**

**9:00 AM - 11:00 AM: Session 1**

**1A. Early Childhood Education Symposium**

The Realities and Promise of Data Use in Early Childhood Education
Salon IIIA - Ritz-Carlton Hotel, Ballroom Level

Organizer: Maia Connors, Ounce of Prevention Fund

*Strengthening the Research Architecture for High Quality Universal Pre-K: Development of a Quality Monitoring Tool*

Natalia Rojas, C. Cybele Raver, & Pamela A. Morris, New York University

**1B. Social and Emotional Learning Interventions in Educational Settings Invited Panel**

Designing Research-Practice Partnerships for Social and Emotional Learning: Lessons, Questions, and Best Practices
Salon IIIB - Ritz-Carlton Hotel, Ballroom Level

Moderator: Vivian Tseng, William T. Grant Foundation
Shauna Tominey, Yale University

**1F. Evaluating Educational Policies and Programs Symposium**

Patterns and Correlates of Gender Achievement Gaps in the United States
Plaza II - Ritz-Carlton Hotel, Ballroom Level

Organizer: Erin Fahle, Stanford University

*Geographic Variation of District-Level Gender Achievement Gaps within the United States*
Sean Reardon, Demetra Kalogrides, & Erin Fahle, Stanford University, Anne Podolsky, Learning Policy Institute, and Rosalia Zarate, Stanford University
Test Format and the Variation of Gender Achievement Gaps within the United States
Sean Reardon, Demetra Kalogrides, & Erin Fahle, Stanford University, Anne Podolsky, Learning Policy Institute, and Rosalia Zarate, Stanford University

1J. Research Methods Symposium
Social Network Methods for Education Research
Culpeper - Fairmont Hotel, Ballroom Level

Organizer: Tracy Sweet, University of Maryland - College Park

Measuring Teachers' Attunement to Children's Friendships, Victimization, and Popularity Dynamics
Rebecca Madill, Child Trends, Kathleen Zadzora & Scott D. Gest, Pennsylvania State University

A Hierarchical Latent Space Model for Influence
Tracy Sweet, University of Maryland - College Park

11:30 AM - 12:30 PM: Finding Federal Funding: Updates from IES, NICHD and NSF
Roosevelt ("FDR") - Fairmont Hotel, Ballroom Level

Elizabeth Albro, Institute of Education Sciences
James A. Griffin, National Institute of Child Health and Human Development
Margret Hjalmarson, National Science Foundation

1:00 PM - 2:30 PM: Session 2
2A. Early Childhood Education Panel
Addressing Quandaries in Early Education through Research-Practice Partnerships
Salon IIIB - Ritz-Carlton Hotel, Ballroom Level

Moderator: Laura Wentworth, California Education Partners
Chris Doss, Stanford University

2B. Early Childhood Education & International Perspectives on Educational Effectiveness
Educational Interventions to Support Dual Language Learners
Roosevelt ("TR") - Ritz-Carlton Hotel, Ballroom Level

Chair: Pooja Nakamura, American Institutes for Research

Early RCT Findings for ELL Elementary Student Learning Outcomes after a Two-Year Pedagogical Intervention
Pedro Portes, Manuel S Gonzalez Canche, & Rob Stollberg, University of Georgia
2C. Improving Classroom Practice
Improving Mathematics Instructional Practice
Sulgrave - Fairmont Hotel, Floor 3

Chair: Asha Jitendra, University of Minnesota

Formalizing Mathematics Knowledge: How Are Early Number Skills Related to Mathematics Achievement and Gains for Students At-Risk for Mathematics Difficulties?
Lina Shanley, Ben Clarke, Christian Doabler, & Hank Fien, University of Oregon

A Randomized Control Trial Evaluating the Effectiveness of Computer Assisted Instruction in Numeracy on Math Outcomes for Monolingual English Speaking Kindergartners from Title 1 Schools
Matthew E. Foster & Jason L. Anthony, University of Texas Health Science Center - Houston, Douglas H. Clements & Julie Sarama, University of Denver, and Jeffrey M. Williams, University of Texas Health Science Center - Houston

2F. Evaluating Educational Policies and Programs
What Works in Science Education
Latrobe - Fairmont Hotel, Ballroom Level

Chair: Jordan Rickles, American Institutes for Research

Regular Biology Students Learn Like AP Students with SUN
Ann Batiza, Milwaukee School of Engineering, Wen Luo, Texas A&M University, Bo Zhang, University of Wisconsin - Milwaukee, Mary Gruhl, Gruhl Education Consultants, David Nelson, University of Wisconsin - Madison, Mark Hoelzer, Milwaukee School of Engineering, Ling Ning, Texas A&M University, Marisa Roberts, Concordia University, Jonathan Knopp, International Baccalaureate, Tom Harrington, Bacon Academy, Donna LaFlamme, St. Dominic School, Mary Anne Haasch, Wauwatosa School District, Gina Vogt, Milwaukee School of Engineering, David Goodsell, Scripps Research Institute, and David Marcey, California Lutheran University
3:00 PM - 5:00 PM: Session 3
3C. Evaluating Educational Policies and Programs Symposium
Reading for Understanding: New Findings from the Catalyzing Comprehension for Discussion and Debate Project
Plaza II - Ritz-Carlton Hotel, Ballroom Level

Organizer: Catherine Snow, Harvard University

The Experimental Effects of the Strategic Adolescent Reading Intervention (STARI) on a Scenarios-Based Reading Comprehension Assessment
James Kim, Harvard University, Lowry Hemphill, Wheelock College, Margaret Troyer, Stephanie Jones, Maria LaRusso, Ha Yeon Kim, & Catherine Snow, Harvard University

Experimental Effects of Word Generation on Vocabulary, Academic Language, and Perspective Taking in High Poverty Middle Schools
Stephanie Jones, James Kim, Maria LaRusso, Ha Yeon Kim, & Sophie Barnes, Harvard University, Suzanne Donovan, SERP Institute, and Catherine Snow, Harvard University

Impacts of a Discussion-Based Academic Language Program on Classroom Interactions in 4th through 7th Grades
Maria LaRusso, Stephanie Jones, Ha Yeon Kim, & James Kim, Harvard University, Suzanne Donovan, SERP Institute, and Catherine Snow, Harvard University

Discussant: William Corrin, MDRC
Discussant: Jenna Shumsky, New York City Public Schools

FRIDAY MARCH 4, 2016

8:00 AM - 10:00 AM: Session 4
4B. Early Childhood Education
Promoting the Early Academic Success of At-Risk Students
Latrobe - Fairmont Hotel, Ballroom Level

Chair: George Farkas, University of California - Irvine

Effects of TRIAD on Mathematics Achievement: Long-Term Impacts
Douglas H. Clements & Julie Sarama, University of Denver, Carolyn Layzer & Fatih Unlu, Abt Associates, Christopher B. Wolfe, Saint Leo University, Mary Elaine Spitler, University at Buffalo - SUNY, and Daniel Weiss, Abt Associates
4C. Social and Emotional Learning Interventions in Educational Settings & International Perspectives on Educational Effectiveness
Measuring Social & Emotional Skills and Development
Culpeper - Fairmont Hotel, Ballroom Level

Chair: Celene Domitrovich, CASEL

Measuring Social-Emotional Skills to Advance Science and Practice
Clark McKown, Nicole Russo-Ponsaran, & Jason Johnson, Rush University Medical Center

4G. Education and Life Cycle Transitions Invited Panel
The Talent Imperative: Human Capital Issues in the Scale-Up of Research-Practice Partnerships
Salon IIIA - Ritz-Carlton Hotel, Ballroom Level

Moderator: Steve Fleischman, Education Northwest
Ruth Curran Neild, Institute of Education Sciences

4I. Research Methods Invited Panel
A Registry of Effectiveness Studies in Education
Salon IIIB - Ritz-Carlton Hotel, Ballroom Level

Moderator: Rebecca Maynard, University of Pennsylvania
Thomas Brock, Institute of Education Sciences

4J. Research Methods
Assessing and Learning from Cross-Site Variation: Issues in Measurement and Analysis
Plaza II - Ritz-Carlton Hotel, Ballroom Level

Chair: Michael Weiss, MDRC

Between-District Test Score Variation, 2009-2012
Erin Fahle & Sean Reardon, Stanford University

Mapping U.S. School District Test Score Distributions onto a Common Scale, 2008-2013
Sean Reardon & Demetra Kalogrides, Stanford University, and Andrew Ho, Harvard University

1:00 PM - 3:00 PM: Session 5
5A. Invited Panel
Improving the Effectiveness of Collaboration between Practitioners and Researchers
Salon IIIA/IIIB - Ritz-Carlton Hotel, Ballroom Level

Moderator: Robert Granger, SREE

Pamela Morris, New York University
Cybele Raver, New York University
5B. Evaluating Educational Policies and Programs Symposium
Rigorous Research Designs in Researcher-Practitioner Partnerships: Maximizing Policy Impact
Plaza I - Ritz-Carlton Hotel, Ballroom Level

Organizer: Sara Heller, University of Pennsylvania

Not Too Late: Improving Academic Outcomes for Disadvantaged Youth
Philip J. Cook & Kenneth A. Dodge, Duke University, George Farkas, University of California - Irvine, Roland G. Fryer, Harvard University, Jonathan Guryan, Northwestern University, Jens Ludwig, Susan Mayer, & Harold Pollack, University of Chicago, and Laurence Steinberg, Temple University

5D. Research Methods
Latent Dimensions of Student and Teacher Outcomes
Roosevelt ("TR") - Ritz-Carlton Hotel, Ballroom Level

Chair: Henry May, University of Delaware

Latent Class Models for Teacher Observation Data
Peter Halpin, New York University

Using Hidden Information in Item Response Data to Test Assumptions about Student-Teacher Selection Mechanisms
J.R. Lockwood & Daniel F. McCaffrey, Educational Testing Service

Welfare Adjusted Scale Score: Method toward the Development of an Equal-Interval Welfare Scale
Kenneth Shores, Stanford University

3:30 PM - 5:00 PM: Session 6
6B. Social and Emotional Learning Interventions in Educational Settings & International Perspectives on Educational Effectiveness
Implementation and Impacts of SEL Programs & Practices
Sulgrave - Fairmont Hotel, Floor 3

Chair: Lia E. Sandilos, University of Virginia

Do Effects of Social-Emotional Learning Programs Vary by Level of Parent Participation? Evidence from a Randomized Trial
Meghan McCormick, MDRC, Elise Cappella, Erin O'Connor, Jennifer Hill, & Sandee McClowry, New York University
Home Environment Quality Mediates the Effects of an Early Intervention on Children's Social-Emotional Development in Rural Pakistan
Jenna Finch & Jelena Obradović, Stanford University, and Aisha Yousafzai, Aga Khan University

6C. Improving Classroom Practice
Making Assessments More Informative
Plaza I - Ritz-Carlton Hotel, Ballroom Level

Chair: David Francis, University of Houston

Latent Profiles of Reading and Language and Their Association with Standardized Reading Outcomes in Grades K-10
Barbara Foorman, Yaacov Petscher, & Christopher Stanley, Florida State University

The Role of Academic Language Skills in the Reading Comprehension of Middle Grade Students: Evidence from Mediation Models
Emily Phillips Galloway, Harvard University, and Paola Uccelli, 21st Century Partnership for STEM Education

6E. Evaluating Educational Policies and Programs
Evidence-Based Decision-Making and Continuous Improvement
Roosevelt ("TR") - Ritz-Carlton Hotel, Ballroom Level

Chair: Robin Wisniewski, RTI International

Continuous Improvement in Action: Educators’ Evidence Use for School Improvement
Marisa Cannata, Christopher Redding, & Mollie Rubin, Vanderbilt University

6F. Evaluating Educational Policies and Programs & International Perspectives on Educational Effectiveness
Partnerships and Policies for Bolstering Career and Technical Education
Culpeper - Fairmont Hotel, Ballroom Level

Chair: Lisa Soricone, Jobs for the Future

Researcher-Practitioner Collaboration Supporting the Florida College and Career Readiness Initiative
Christine Mokher, CNA, and Lou Jacobson, New Horizons Economic Research

6G. Education and Life Cycle Transitions
Guidance and Counseling Approaches to Support Secondary School Success
Latrobe - Fairmont Hotel, Ballroom Level

Chair: Beth Gamse, Abt Associates
College Enrollment and Completion among Nationally Recognized High-Achieving Hispanic Students
Oded Gurantz, Stanford University, Mike Hurwitz & Jonathan Smith, College Board

6I. Research Methods
Learning More from RCTs
Salon IIIB - Ritz-Carlton Hotel, Ballroom Level

Chair: Laura Peck, Abt Associates

A General Framework for Effect Sizes in Cluster Randomized Experiments
Nathan VanHoudnos, Northwestern University

6J. Research Methods
Power Rangers to the Rescue! Assessing Power in the Context of Complex Research Design and Analysis
Salon IIIA - Ritz-Carlton Hotel, Ballroom Level

Chair: Jessaca Spybrook, Western Michigan University

Estimating Statistical Power When Making Adjustments for Multiple Tests
Kristin Porter, MDRC

5:30 PM - 6:30 PM: Session 7 - Poster Session
7C. Improving Classroom Practice
Colonnade - Fairmont Hotel, Lobby Level

A Replication Study to Evaluate the Effects of Schema-Based Instruction on Middle School Students' Proportional Problem-Solving Performance
Asha K. Jitendra, University of Minnesota, Michael R. Harwell, Stacy R. Karl, Susan C. Slater, Gregory R. Simonson, & Gena Nelson, University of Minnesota - Twin Cities

7D. Evaluating Educational Policies and Programs

What Research District Leaders Find Useful
William Penuel, Caitlin Farrell, & Anna-Ruth Allen, University of Colorado - Boulder, Yukie Toyama, Catholic University of Leuven, and Cynthia Coburn, Northwestern University
SATURDAY MARCH 5, 2016

10:00 AM - 12:00 PM: Session 8
8A. Early Childhood Education Symposium
Do Pre-K Program Effects Persist over Time or Fade Away?
Sulgrave - Fairmont Hotel, Floor 3

Organizer: William Gormley, Georgetown University

Effects of the Tennessee Voluntary Pre-Kindergarten Program on Student Outcomes through Third Grade
Mark Lipsey & Dale C. Farran, Vanderbilt University, and Kerry G. Hofer, Abt Associates

8B. Early Childhood Education Symposium
Trends in Early Childhood Inequality
Plaza II - Ritz-Carlton Hotel, Ballroom Level

Organizer: Daphna Bassok, University of Virginia

Are Early Childhood Disparities Narrowing? The Changing Nature of Early Childhood and Its Link to Narrowing School-Entry Achievement Gaps
Daphna Bassok, University of Virginia, Jenna Finch, Stanford University, RaeHyuck Lee, Columbia University, Sean F. Reardon, Stanford University, and Jane Waldfogel, Columbia University

G. Evaluating Educational Policies and Programs
Evaluating the Scaling of Curriculum and Policy
Latrobe - Fairmont Hotel, Ballroom Level

Chair: Bethany Gleason, Vanderbilt University

Findings from a Multi-Year Scale-Up Effectiveness Trial of Open Court Reading (Imagine It!)
Michael Vaden-Kiernan, American Institutes for Research, Geoffrey Borman, University of Wisconsin - Madison, Sarah Caverly, Nance Bell, Veronica Ruiz de Castilla, Kate Sullivan, & Grace Fleming, American Institutes for Research

Findings from a Multi-Year Scale-Up Effectiveness Trial of Everyday Mathematics
Michael Vaden-Kiernan, American Institutes for Research, Geoffrey Borman, University of Wisconsin - Madison, Sarah Caverly, Nance Bell, Veronica Ruiz de Castilla, Kate Sullivan, & Debra Rodriguez, American Institutes for Research
8H. Research Methods Invited Symposium
Learning about and from Variation in Program Impacts Using Multisite Trials
Salon IIIA - Ritz-Carlton Hotel, Ballroom Level

Organizer: Howard Bloom, MDRC

Cross-Site Impact Variation: How Much Is There?
Michael Weiss & Howard Bloom, MDRC, Natalya Verbitsky-Savitz, Mathematica Policy Research, Dan Cullinan, Himani Gupta, & Alma Vigil, MDRC

Using the MSMM-IV Model to Estimate Mediator Effects When the Exclusion Restriction Is Invalid
Sean F. Reardon, Stanford University, Fatih Unlu, Abt Associates, Pei Zhu, MDRC, and Jane Furey, Abt Associates

8J. Research Methods
Innovations in Quasi-Experimental Design
Plaza I - Ritz-Carlton Hotel, Ballroom Level

Chair: Elizabeth Stuart, Johns Hopkins University

Graphical Models for Quasi-Experimental Designs
Yongnam Kim & Peter M. Steiner, University of Wisconsin - Madison, Courtney E. Hall, New Mexico Public Education Department, and Dan Su, University of Wisconsin - Madison

Analyzing Empirical Evaluations of Non-Experimental Methods in Field Settings
Peter M. Steiner, University of Wisconsin - Madison, and Vivian C. Wong, University of Virginia