

# SREE

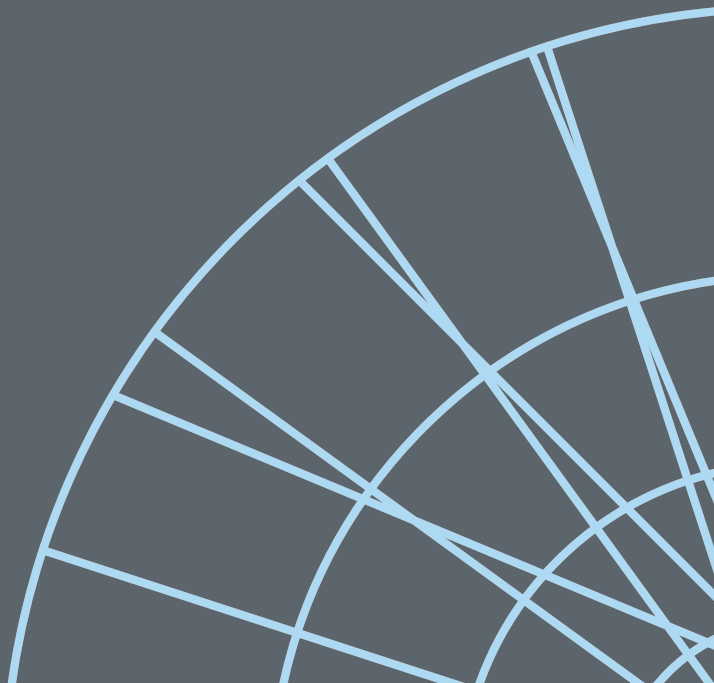
Society for Research on Educational Effectiveness

## FALL 2014 CONFERENCE

*Common Ground for Practice & Research:  
Targeted Improvement Initiatives*

---

## PROGRAM



## SREE Membership

The Society for Research on Educational Effectiveness brings together individuals interested in the use of causal inference to improve educational practice. SREE provides a forum to engage with a community of researchers, practitioners, policymakers, and students united in a desire to advance education research. SREE membership is for the calendar year.

### Member - \$150 per calendar year

Individual members in SREE have backgrounds in a diverse range of areas, including, but not limited to, education, economics, medicine, psychology, public policy, sociology, and statistics. They include researchers investigating causal relations in education, professionals active in school settings, and public officials and others instrumental in translating research into practice.

### Student Member - \$100 per calendar year

Student members must be enrolled in a degree-granting program at an accredited institution. The Graduate Student Organization exists to provide an organizational venue where students may begin the career-long process of establishing networks which foster their intellectual growth and maximize the utility of their research.

### Institutional Members - \$1500 per calendar year

Educational institutions, government agencies, nonprofit organizations, and for-profit organizations are encouraged to join SREE and designate an individual to represent their interests in the Society. Institutional members are acknowledged on the SREE website and in conference programs. Institutional members also receive discounts on conference exhibit space.

## How to Join SREE or Renew Membership

### By credit card:

All major credit cards are accepted at the conference registration desk or via SREE's secure site:  
[www.sree.org/members/payment/](http://www.sree.org/members/payment/)

### By check:

Checks made out to SREE are accepted at the conference registration desk or may be mailed to:  
Society for Research on Educational Effectiveness  
2040 Sheridan Rd.  
Evanston, IL 60208

## THURSDAY SEPTEMBER 4, 2014

### 9:00 AM - 10:30 AM: Session 1

#### 1A. Supporting the Social & Emotional Growth of Children

##### Exploring School Contexts and Implementations to Improve Social & Emotional Learning

Roosevelt - Fairmont Hotel, Ballroom Level

Chair: Scott Gest, Pennsylvania State University

*Navigating Middle Grades: Role of School Context in Students' Social Adaptation and Experiences*

Ha Yeon Kim, Kate Schwartz, Elise Cappella, & Edward Seidman, New York University

*Collective Efficacy and Adult Community: Teacher and Principal Perceptions*

*After Two Years of Implementing Leading Together in Schools*

Carol L. C. Paxton, Micela Leis, & Sara E. Rimm-Kaufman, University of Virginia

*Collaboration to Achieve Whole School SEL Across a Large, Urban District*

Michelle V. Porche, Jennifer M. Grossman, Nova Biro, & Nancy MacKay, Wellesley College, and Sojourner Rivers, Boston Public Health Commission

#### 1B. Promoting Student Engagement & Persistence in College & Career Readiness

##### Interventions and Supports to Improve College Readiness

Gallery 3 - Park Hyatt Hotel, Ballroom Level

Chair: Dylan Conger, George Washington University

*The Effects of Structured Transfer Programs on Community College Student Outcomes*

Rachel Baker, Stanford University

*From High School to the Future: Getting to College Readiness and College Graduation*

Melissa Roderick, Matthew Holsapple, Thomas Kelley-Kemple, &

David Johnson, Consortium on Chicago School Research

*"STEMming" the Swell of Absenteeism in Urban Middle Grade Schools:*

*Impacts of a Summer Robotics Program*

Martha Abele Mac Iver & Douglas J. Mac Iver, Johns Hopkins University

*Increasing High School Students' Engagement:*

*The Impact of a High School Reform Model Focused on College Readiness*

Julie Edmunds & John Willse, University of North Carolina - Greensboro,

Fatih Unlu, Abt Associates, Elizabeth Glennie, RTI International,

and Lawrence Bernstein, Northeastern University

**1C. Improving Teacher Effectiveness Panel**  
**Supporting the Exploratory Analysis of a New Teacher Evaluation Model**  
**through a State Research Partnership**

Drawing Room - Park Hyatt Hotel, Ballroom Level

Moderator: Jason Snipes, WestEd

Carrie Giovannone, Arizona Department of Education

Reino Makkonen, WestEd

Denis Newman, Empirical Education

**1D. Addressing Achievement Gaps & Persistently Low-Performing Schools**  
**Interventions and Supports for At-Risk Students**

Gallery 1 - Park Hyatt Hotel, Ballroom Level

Chair: W. David Stevens, Consortium on Chicago School Research

*Assessing the Effect of Schema-Based Instruction on Proportional Problem-Solving Performance of Students with Mathematics Problem-Solving Difficulties*

Asha K. Jitendra, Michael R. Harwell, Danielle N. Dupuis, Stacy R. Karl, Amy E. Lein, Gregory Simonson, & Susan C. Slater, University of Minnesota - Twin Cities

*The Educational Benefits of Attending High-Performing High Schools*

Marisa de la Torre, Elaine Allensworth, Paul Moore, & Lauren Sartain, Consortium on Chicago School Research

*Assessing the Effectiveness of New Mexico's K-3 Plus Summer Learning Initiative*

Damon Cann, Mustafa Karakaplan, Margaret Lubke, & Cyndi Rowland, Utah State University

**1E. Research Methods**  
**Issues in Randomized Control Trials**

Executive Forum - Fairmont Hotel, Ballroom Level

Chair: Terri Pigott, Loyola University Chicago

*Reporting Randomized Controlled Trials in Education*

Evan Mayo-Wilson, Johns Hopkins University, Sean Grant & Paul Montgomery, University of Oxford

*Recruiting Participants for Randomized Controlled Trials*

H. Alix Gallagher, Jeremy Roschelle, & Mingyu Feng, SRI International

*Distortions in Distributions of Impact Estimates in Multi-Site Trials:*

*The Central Limit Theorem Is Not Your Friend*

Henry May, University of Delaware

**1F. Invited Panel**  
**Leading Complex District Transformation Efforts:**  
**Integrating Research, Performance Management**  
**and Evaluation to Ensure Quality**

Salon - Park Hyatt Hotel, Ballroom Level

Moderator: Derek Mitchell, Partners in School Transformation

Mary Jo Kulhman, Grand Rapids Public Schools

Kimberly Parker De Vault, Battle Creek Public Schools

Dana McCurdy, Partners in School Transformation

William Hill, Partners in School Transformation

**Break**

## 11:00 AM - 1:00 PM: Session 2

### 2A. Supporting the Social & Emotional Growth of Children Invited Symposium

#### Measuring Healthy Elementary Classroom Environments:

#### Emotional, Behavioral and Relational Perspectives

Gallery 1 - Park Hyatt Hotel, Ballroom Level

Organizer: Clark McKown, Rush University Medical Center

*The Role of Assessment in Promoting Children's Healthy Social-Emotional Development*

Clark McKown, Rush University Medical Center

*Child-Report of Teacher Support and Classroom Quality*

Jason Downer, University of Virginia

*Setting-Level Features of Classroom Peer Ecologies*

Scott Gest, Pennsylvania State University

*Classroom Observations of Teacher Behavioral Supports*

Wendy Reinke, University of Missouri

Discussant: Catherine Bradshaw, University of Virginia

### 2B. Promoting Student Engagement & Persistence

#### in College & Career Readiness Symposium

#### A Study of Deeper Learning in Practice: Methodological Challenges

#### and Evidence of Opportunities and Outcomes

Executive Forum - Fairmont Hotel, Ballroom Level

Organizer: Jennifer O'Day, American Institutes for Research

*Methodological Complications of Matching Designs Under Real World Constraints:*

*Lessons from a Study of Deeper Learning*

Kristina Zeiser, Jordan Rickles, & Michael Garet, American Institutes for Research

*Providing Opportunities for Deeper Learning: Findings from the Study of Deeper Learning*

Catherine Bitter & Jennifer O'Day, American Institutes for Research

*Evidence of Deeper Learning Outcomes: Findings from the Study of Deeper Learning*

James Taylor, American Institutes for Research

Discussant: James Pellegrino, University of Illinois - Chicago

## 2C. Improving Teacher Effectiveness Invited Symposium

### Practical Measurement in Action

Roosevelt - Fairmont Hotel, Ballroom Level

Organizer: Paul LeMahieu, Carnegie Foundation for the Advancement of Teaching

*Continuously Improving a Practical Measure of Community College*

*Student Motivation and Engagement*

Rachel Beattie, Carnegie Foundation for the Advancement of Teaching

*A System of Measures to Guide Practice Improvement:*

*The Building a Teaching Effectiveness Network Case*

Sola Takahashi, Carnegie Foundation for the Advancement of Teaching

*The Use of Practical Measures for Course Scheduling and Assignment*

Mark Dunetz & Susan Fairchild, New Visions for Public Schools

## 2D. Addressing Achievement Gaps & Persistently Low-Performing Schools Symposium

### Can At-Risk Students Get Back on Track?

#### Results from a Rigorous Study of Online and Face-to-Face Credit Recovery in Algebra I

Gallery 3 - Park Hyatt Hotel, Ballroom Level

Organizer: Jessica Heppen, American Institutes for Research

*Efficacy of Online Vs. Face-to-Face Credit Recovery in Algebra I: Study Design and Impact Results*

Jessica Heppen & Nicholas Sorensen, American Institutes for Research

*Targeting Summer Credit Recovery: Heterogeneity of Treatment Effects and Gaps*

*between Credit Recovery Students and "On Track" Students Over Time*

Jared Eno & Jessica Heppen, American Institutes for Research

*Content and Rigor of Algebra Credit Recovery Courses*

Kirk Walters & Suzanne Stachel, American Institutes for Research

*Effects of Expanding Summer Credit Recovery in Algebra*

Elaine Allensworth & Valerie Michelman, Consortium on Chicago School Research, and Takako Nomi, St. Louis University

Discussant: Julie Edmunds, University of North Carolina - Greensboro

**2E. Panel**

**Collaborative Research Alliances:**

**Defining and Tracking Outcomes for Researchers and Practitioners**

Drawing Room - Park Hyatt Hotel, Ballroom Level

Moderator: Rebecca Carey, Education Development Center

Andrew Seager, Education Development Center

Angela Pazzaglia, Education Development Center

Heather Lavigne, Education Development Center

Julie Riordan, Education Development Center

**2F. Research Methods Invited Symposium**

**Improving STEM Education & STEM Education Research:**

**Methods, Data, & Designs**

Salon - Park Hyatt Hotel, Ballroom Level

Organizer: Janice Earle, National Science Foundation

Organizer: Sarah-Kathryn McDonald, National Science Foundation

*Using Social Network Analysis in Targeted Improvement Initiatives*

William Penuel, University of Colorado - Boulder

*Designing Impact Studies in Science Education*

Jessaca Spybrook, Western Michigan University

*Using Data from Digital Environments to Better Understand Learning*

Andrew E. Krumm, SRI International

Discussant: Edith Gummer, National Science Foundation

**1:00 PM - 1:30 PM: Lunch**

*Provided in Professional Development Rooms*

**1:30 PM - 5:30 PM: Session 3 - Professional Development Workshop 1**

**Workshop 3A**

**Innovations in Prevention and Implementation Science:**

**Implications for Improvement in Schools**

Executive Forum - Fairmont Hotel, Ballroom Level

C. Hendricks Brown, Northwestern University

Gracelyn Cruden, Northwestern University

Juan Villamar, Northwestern University

Sheppard Kellam, Johns Hopkins University

Jeanne Poduska, American Institutes for Research

**Workshop 3B**

**Introduction to Improvement Science**

Gallery 1 - Park Hyatt Hotel, Ballroom Level

Alicia Grunow, Carnegie Foundation for the Advancement of Teaching

Sandra Park, Carnegie Foundation for the Advancement of Teaching

**Workshop 3C**

**Using Research and Local Expertise to Improve Teacher Evaluation Systems**

Gallery 3 - Park Hyatt Hotel, Ballroom Level

Corinne Herlihy, Harvard University

**Workshop 3D**

**Intervention Fidelity: Models, Methods, and Applications**

Roosevelt - Fairmont Hotel, Ballroom Level

Chris Hulleman, University of Virginia

Hank Murrah, University of Virginia

Jeff Kosovich, University of Virginia

**6:00 PM - 7:00 PM: Welcome & Opening Address**

Ballroom - Fairmont Hotel

**Welcome & Introduction**

Larry Hedges  
SREE President

**Opening Address**

**Common Ground for Practice & Research:  
Leadership and Decision-Making Challenges of Complexity and Scale**

Andrés Alonso  
Professor of Practice  
Harvard Graduate School of Education

**7:00 PM - 8:00 PM: Reception**

Colonnade - Fairmont Hotel, Lobby Level

Sponsor: American Institutes for Research



**FRIDAY SEPTEMBER 5, 2014**

**8:30 AM - 10:30 AM: Session 4**

**4A. Supporting the Social & Emotional Growth of Children Invited Symposium  
Creating a Monitoring System for School Districts to Promote  
Academic, Social, and Emotional Learning:  
A Researcher-Practitioner Partnership**

Drawing Room - Park Hyatt Hotel, Ballroom Level

Organizer: Celene Domitrovich, CASEL

*The Collaborating Districts Initiative:  
Demonstrating A District-Level Strategy to Promote Social  
and Emotional Learning for Students in Grades PreK-12*  
Celene Domitrovich & Roger Weissberg, CASEL

*The Washoe Student Indicator System:  
Promoting Achievement and Retention with a Balanced and Comprehensive Data System*  
Laura Davidson, Ben Hayes, & Paul LaMarca, Washoe County School District

*Development and Validation of a Student Self Report Rating of Social and Emotional Learning*  
Rachel Gordon & Everett Smith, University of Illinois - Chicago,  
Maria Crowder, Randall Brown, & Laura Davidson, Washoe County School District

*Using Assessments of Social and Emotional Learning to Improve Practice*  
Trish Schaffer, Washoe County School District

Discussant: Clark McKown, Rush University Medical Center

**4B. Promoting Student Engagement & Persistence  
in College & Career Readiness Symposium**  
**Creating Means to Measure Improvement in K-12 STEM Education:  
A Multi-Stakeholder Collaborative Effort**  
Dumbarton - Fairmont Hotel, Floor 3

Organizer: Jessica Mislevy, SRI International

*Supporting the Development of a K-12 STEM Education Indicator System*  
Barbara Means & Jessica Mislevy, SRI International, and Thomas Smith, Vanderbilt University

*National Center for Education Statistics Data Collections  
Pertaining to the 14 Indicators Related to Quality Learning, Educators' Capacity,  
and Policy and Funding Initiatives in STEM*  
Peggy Carr, National Center for Education Statistics

*Supporting Teachers' Implementation of the Common Core State Standards in Mathematics*  
William Schmidt & Leland S. Cogan, Michigan State University

*Describing Curricular Resources and Measuring Students' Opportunities To Learn STEM Content*  
John Smithson, University of Wisconsin - Madison

Discussant: Natalie Nielsen, National Research Council

**4C. Improving Teacher Effectiveness Invited Panel**  
**Design-Based Implementation Research**  
Executive Forum - Fairmont Hotel, Ballroom Level

Moderator: Paul LeMahieu, Carnegie Foundation for the Advancement of Teaching

Anthony Bryk, Carnegie Foundation for the Advancement of Teaching

Lora Cohen-Vogel, University of North Carolina - Chapel Hill

Suzanne Donovan, SERP Institute

William Penuel, University of Colorado - Boulder

Catherine Snow, Harvard University

**4D. Addressing Achievement Gaps &  
Persistently Low-Performing Schools Invited Symposium**  
**Preventing Failure in High School:  
Improvements in Long-Term Outcomes through a Focus on Ninth Grade Indicators**  
Salon - Park Hyatt Hotel, Ballroom Level

Organizer: Elaine Allensworth, Consortium on Chicago School Research

*On-Track to Graduation: The Chicago Story*  
John Barker, Chicago Public Schools

*Preventable Failure:  
Improvements in Long-Term Outcomes When High Schools Focused on the Ninth Grade Year*  
Melissa Roderick, University of Chicago

*Supporting High Schools to Implement On-Track Strategies*  
Amy Torres, University of Chicago

*Free to Fail or On-Track to College:  
How Adults Can Support Student Achievement in High School*  
David Stevens, Consortium on Chicago School Research

Discussant: James Kemple, Research Alliance for New York City Schools

**4E. Addressing Achievement Gaps & Persistently Low-Performing Schools Symposium**  
**Improving Early Math Outcomes for Students with Disabilities**  
**through Intensive Intervention**

Roosevelt - Fairmont Hotel, Ballroom Level

Organizer: Rob Ochsendorf, Institute of Education Sciences

*Effects of Intensive Early Interventions in Mathematics*  
*and Attention for Low-Performing Preschool Children*

Marcia A. Barnes, University of Texas - Austin,  
 Alice Klein, Prentice Starkey, & Kylie Flynn, WestEd,  
 Paul Swank & Tricia Zucker, University of Texas Health Science Center - Houston,  
 and Bruce McCandliss, Vanderbilt University

*Testing the Immediate and Long-Term Efficacy*  
*of a Tier 2 Kindergarten Mathematics Intervention*

Ben Clarke & Christian Doabler, University of Oregon,  
 Keith Smolkowski, Oregon Research Institute,  
 Hank Fien, University of Oregon, and Scott Baker, Southern Methodist University

*Assessing the Feasibility and Promise of an Individualized Mathematics Gaming Intervention*  
*for First Grade Students in a Randomized-Controlled Trial*

Hank Fien, Nancy J. Nelson, Christian Doabler, & Ben Clarke, University of Oregon,  
 Marshall Gause, Thought Cycle, and Scott Baker, Southern Methodist University

*Inclusive Fraction Instruction versus Specialized Fraction Intervention*  
*for Very Low-Performing Students*

Robin Schumacher, Lynn S. Fuchs, Douglas Fuchs, Donald L. Compton, &  
 Joseph Wehby, Vanderbilt University, Russell Gersten, Instructional Research Group,  
 and Nancy C. Jordan, University of Delaware

Discussant: Russell Gersten, Instructional Research Group

**4F. Research Methods**  
**Methods and Practices for Addressing Complexity**  
**and Variability in Measurement**

Sulgrave - Fairmont Hotel, Floor 3

Chair: Jeffrey Valentine, University of Louisville

*Meta-Analyzing a Complex Correlational Dataset:*  
*A Case Study Using Correlations That Measure the Relationship*  
*between Parental Involvement and Academic Achievement*  
 Joshua Polanin & Sandra Jo Wilson, Vanderbilt University

*Consequences of Not Accounting for One-Group Clustering in Meta-Analysis*  
 Martyna Citkowicz, American Institutes for Research,  
 and Joshua R. Polanin, Vanderbilt University

*A Framework for Improving Student Growth Percentiles*  
*by Accounting for Test Score Measurement Error*  
 J.R. Lockwood, Daniel F. McCaffrey, &  
 Katherine E. Castellano, Educational Testing Service



**11:00 AM - 12:00 PM: Keynote Address**

Gallery Ballroom - Park Hyatt Hotel

**Measuring Teaching Quality:  
The Promises and Challenges of Value-Added Metrics**

Raj Chetty

William Henry Bloomberg Professor of Economics

Department of Economics

Harvard University

**Introduction:** Steve Cantrell, Chief Research Officer, Bill & Melinda Gates Foundation**12:00 PM - 1:00 PM: Lunch**

Gallery Ballroom - Park Hyatt Hotel

Sponsor: Bill &amp; Melinda Gates Foundation

BILL & MELINDA  
GATES *foundation*

**12:00 PM - 1:00 PM: Lunch & Discussion**

Drawing Room - Park Hyatt Hotel

**Women in Quantitative Methodology:**

An informal gathering to discuss career support for women conducting research on quantitative methods in education.

Hosts: Terri Pigott, Loyola University Chicago

and Sabrina Laine, American Institutes for Research

Sponsor: American Institutes for Research

*Note: This lunch follows the Keynote Address in the Park Hyatt Ballroom.**Please plan to attend the Keynote, then proceed across the hall for this program.***1:30 PM - 5:30 PM: Session 5 - Professional Development Workshop 2****Workshop 5A****Innovations in Prevention and Implementation Science:****Implications for Improvement in Schools**

Sulgrave - Fairmont Hotel, Floor 3

C. Hendricks Brown, Northwestern University

Gracelyn Cruden, Northwestern University

Juan Villamar, Northwestern University

Sheppard Kellam, Johns Hopkins University

Jeanne Poduska, American Institutes for Research

**Workshop 5B****Introduction to Improvement Science**

Roosevelt - Fairmont Hotel, Ballroom Level

Alicia Grunow, Carnegie Foundation for the Advancement of Teaching

Sandra Park, Carnegie Foundation for the Advancement of Teaching

**Workshop 5C****Using Research and Local Expertise to Improve Teacher Evaluation Systems**

Dumbarton - Fairmont Hotel, Floor 3

Corinne Herlihy, Harvard University

**Workshop 5D****Intervention Fidelity: Models, Methods, and Applications**

Executive Forum - Fairmont Hotel, Ballroom Level

Chris Hulleman, University of Virginia

Hank Murrah, University of Virginia

Jeff Kosovich, University of Virginia

**SATURDAY SEPTEMBER 6, 2014**

**8:00 AM - 8:30 AM: Breakfast**

Gallery Ballroom - Park Hyatt Hotel

**8:30 AM - 9:30 AM: Plenary Panel**

Gallery Ballroom - Park Hyatt Hotel

**Mapping the Paths for Collaboration in Practice & Research**

**Introduction:** Dean Gerdeman, SREE Fall 2014 Program Co-Chair

*Moderator*

Jennifer O'Day

SREE Fall 2014 Program Co-Chair

James Kemple

Executive Director

Research Alliance for New York City Schools

Ruth Neild

Commissioner

National Center for Education Evaluation and Regional Assistance

Institute of Education Sciences

**10:00 AM - 12:00 PM: Session 6**

**6A. Supporting the Social & Emotional Growth of Children**

**Efficacy of Social & Emotional Learning Interventions**

Dumbarton - Fairmont Hotel, Floor 3

Chair: Joshua Brown, Fordham University

*Results of a Randomized Controlled Trial of Student Success Skills*

Linda Webb, Florida State University, John Carey, University of Massachusetts - Amherst,

Elizabeth Villares, Florida Atlantic University, Craig Wells &

Aline Sayer, University of Massachusetts - Amherst

*Childhood Resiliency Effects from Schoolwide Treatment: A Cluster Randomized Trial*

Krystal Hinerman & Darrell Hull, University of North Texas,

DeMarquis Haynes, Texas A&M University - Commerce,

Marvin G. Powell & Sarah Ferguson, University of North Texas,

and Emma I. Naslund-Hadley, Inter-American Development Bank

*The Impacts of the Chicago Welcoming Schools' Safe Passage Program on Student Safety and Crime*

F. Chris Curran, Vanderbilt University

**6B. Promoting Student Engagement & Persistence**

**in College & Career Readiness Invited Panel**

**Collaborating with K-12 School Districts to Develop and Investigate a Research-Based**

**Tri-Level College Readiness Indicator System**

Salon - Park Hyatt Hotel, Ballroom Level

Moderator: Milbrey McLaughlin, Stanford University

Jason Willis, San Jose Unified School District

Susan Fairchild, New Visions for Public Schools

Graciela Borsato, Stanford University

**6C. Promoting Student Engagement & Persistence  
in College & Career Readiness Symposium  
Enhancing Credit Accumulation and Graduation at the City University of New York:  
Results of Recent Rigorous Research**

Sulgrave - Fairmont Hotel, Floor 3

Organizer: Alexandra Logue, CUNY

*Mainstreaming Remedial Mathematics Students in Introductory Statistics:  
Results Using a Randomized Controlled Trial*

Alexandra W. Logue & Mari Watanabe-Rose, CUNY

*Increasing the Academic Momentum of Community College Students*

Paul Attewell & Daniel Douglas, CUNY

*The Platinum Bullet: An Experimental Evaluation of CUNY's Accelerated Study  
in Associate Program (ASAP) - New Three-Year Impacts, Cost Analyses,  
and Implementation Findings*

Michael Weiss, Susan Scrivener, Hannah Fresques, Alyssa Ratledge,  
Tim Rudd, & Colleen Sommo, MDRC

Discussant: Angela Boatman, Vanderbilt University

**6D. Improving Teacher Effectiveness  
Classroom Observation as a Tool in Teacher Evaluation and Research**

Drawing Room - Park Hyatt Hotel, Ballroom Level

Chair: Jason Downer, University of Virginia

*Teacher Evaluation in Practice: Understanding Evaluator Reliability  
and Teacher Engagement in Chicago Public Schools*

Susan E. Spote, Jennie Jiang, & Stuart Luppescu, Consortium on Chicago School Research

*Assessing Teacher Effectiveness through Dual-Rater Classroom Observations:  
Researchers and District Staff Partnering to Create Calibrated Performance Evaluations*

David P. Manzeske, Jared P. Eno, & Robert M. Stonehill, American Institutes for Research,  
John M. Cumming & Heather L. MacGillivray, Jefferson County Public Schools

*Linking Teacher Quality, Student Attendance, and Student Achievement*

Seth Gershenson, American University

**6E. Addressing Achievement Gaps & Persistently Low-Performing Schools Invited Panel  
Restoring Opportunity: A System-Leader Perspective on the Role of Research  
in Supporting Schools to Overcome Achievement Gaps**

Executive Forum - Fairmont Hotel, Ballroom Level

Moderator: Elaine Allensworth, Consortium on Chicago School Research

Greg Duncan, University of California - Irvine

Timothy Knowles, University of Chicago

Jason Sachs, Boston Public Schools

**6F. Research Methods  
Challenges in Accounting for Expectations, Observed Behaviors, and Changes Over Time**

Roosevelt - Fairmont Hotel, Ballroom Level

Chair: Nathan VanHoudnos, Northwestern University

*Causal Inference and the Comparative Interrupted Time Series Design:  
Findings from Within-Study Comparisons*

Travis St. Clair, University of Maryland, Kelly Hallberg, American Institutes for Research,  
and Thomas D. Cook, Northwestern University

*A Unified Framework for Estimating Minimum Detectable Effects  
for Comparative Short Interrupted Time Series Designs*

Cristofer Price & Fatih Unlu, Abt Associates

*Using Generalizability Theory to Examine Sources of Variance  
in Observed Behaviors Within High School Classrooms*

Tashia Abry, Arizona State University, Anne Cash, University of North Carolina - Charlotte,  
and Catherine Bradshaw, University of Virginia

*A Practical Measure of Student Motivation:  
Validity Evidence for the Expectancy-Value-Cost Scale in Middle School*

Jeff Kosovich & Chris S. Hulleman, University of Virginia,  
Kenn E. Barron, James Madison University, Steve Getty & Joe Taylor, BSCS

**Break**

## 12:30 PM - 2:00 PM: Session 7

### **7A. Promoting Student Engagement & Persistence in College & Career Readiness Panel Designing a Collaborative Research Agenda with Researchers, Practitioners, and the RELs: The Case of Competency Education**

Salon - Park Hyatt Hotel, Ballroom Level

Moderator: Julie Riordan, Education Development Center

Aubrey Scheopner Torres, Education Development Center

Erika Stump, University of Southern Maine

Rebecca Carey, Education Development Center

### **7B. Improving Teacher Effectiveness Using Professional Development and Data to Improve Classroom Instruction**

Dumbarton - Fairmont Hotel, Floor 3

Chair: Julia Parkinson, American Institutes for Research

*Impact Evaluation of National Writing Project Professional Development Program*

H. Alix Gallagher, Katrin Woodworth, Teresa McCaffrey,

Christina J. Park, & Haiwen Wang, SRI International

*Achieving High Standards for Pre-K-Grade 3 Mathematics:*

*A Whole Teacher Approach to Professional Development*

Erin Reid, Jie-Qi Chen, & Jennifer McCray, Erikson Institute

*Designing Technology to Impact Classroom Practice:*

*How Technology Design for Learning Can Support Both Students and Teachers*

Maria Mendiburo, Carnegie Foundation for the Advancement of Teaching,

Laura K. Williams, Brian Sulcer, & Ted Hasselbring, Vanderbilt University

## 7C. Invited Panel

### **From Conception to Scale: Challenges in Federal Policymaking**

Sulgrave - Fairmont Hotel, Floor 3

Moderator: Michelle McLaughlin, Knowledge Alliance

Robert Gordon, Brookings Institution

Sarah McGee, Nurse-Family Partnership

Demetra Smith Nightingale, U.S. Department of Labor

### **7D. Addressing Achievement Gaps & Persistently Low-Performing Schools Minding the Gap: Family, Race, and Social Class Effects**

Roosevelt - Fairmont Hotel, Ballroom Level

Chair: Sue Sporte, Consortium on Chicago School Research

*Measuring Family-School Relations for School Reform and Improvement*

Beth Schueler, Harvard University

*Mindset Gap among SES Groups: The Case of Chile with Census Data*

Susana Claro & David Paunesku, Stanford University

*How Does Transition from Elementary to Middle School Affect the Racial Achievement Gap?*

Gudrun Vanlaar, Sean Reardon, & Demetra Kologrides, Stanford University

## 7E. Panel

### **The Power of Partnerships: Lessons Learned from Research Alliances in the Northwest**

Drawing Room - Park Hyatt Hotel, Ballroom Level

Moderator: Nikola Filby, WestEd

Terri Akey, Education Northwest

Michelle Hodara, Education Northwest

Les Morse, Alaska Department of Education & Early Development

Hilda Roselli, Oregon Education Investment Board

## 7F. Research Methods

### **Advancing the Utility of Regression Discontinuity Designs**

Executive Forum - Fairmont Hotel, Ballroom Level

Chair: Matthew Steinberg, University of Pennsylvania

*Challenges When Using the Regression Discontinuity Design in Educational Evaluations:*

*Lessons from the Transition to Algebra Study*

Josephine Louie, Education Development Center,

Christopher Rhoads, University of Connecticut,

and June Mark, Education Development Center

*Statistical Power for Comparative Regression Discontinuity Design in Education Research*

Yang Tang & Tom Cook, Northwestern University

*Estimating the Impact of the PROMISE Scholarship Using Propensity Score Weighted Frontier*

*Fuzzy Regression Discontinuity Design*

Yetty Shobo, West Virginia Higher Education Policy Commission,

Jen D Wong, Ohio State University,

and Angela Bell, West Virginia Higher Education Policy Commission

# SREE

Society for Research on Educational Effectiveness

## Program Notes

### Symposia

Symposia in the conference program were either:

(a) accepted through the peer review process, or

(b) invited by the conference program committee.

All symposia sessions, including those designated *Invited Symposium*, are open to all conference participants. Each symposium includes a session organizer and an independent discussant.

### Panels

Panels are discussions, led by a moderator, which include audience participation.

Panels in the conference program were either:

(a) accepted through the peer review process, or

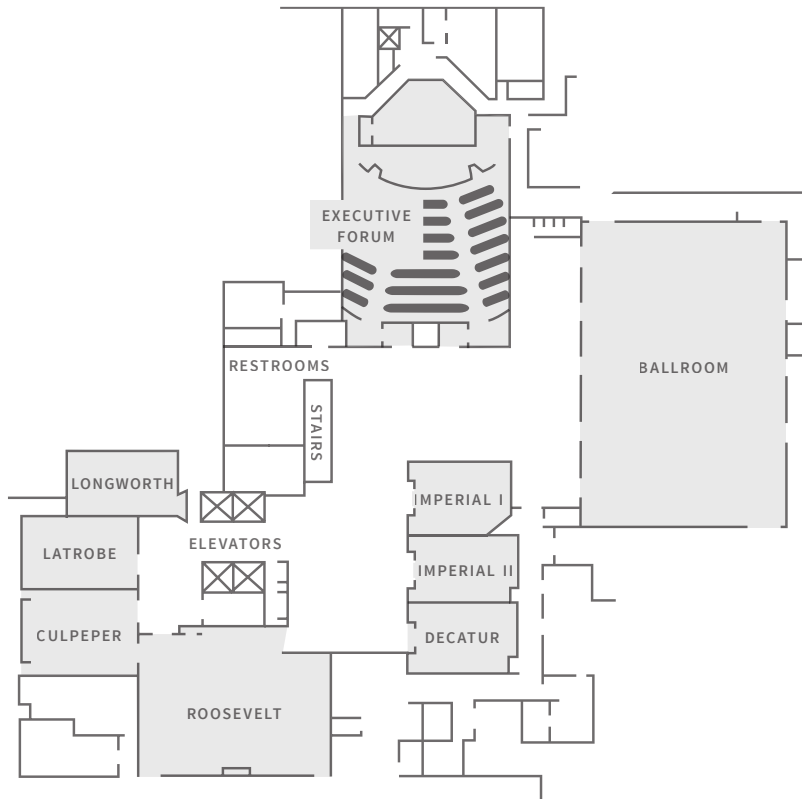
(b) invited by the conference program committee.

All panel sessions, including those designated *Invited Panel*, are open to all conference participants.

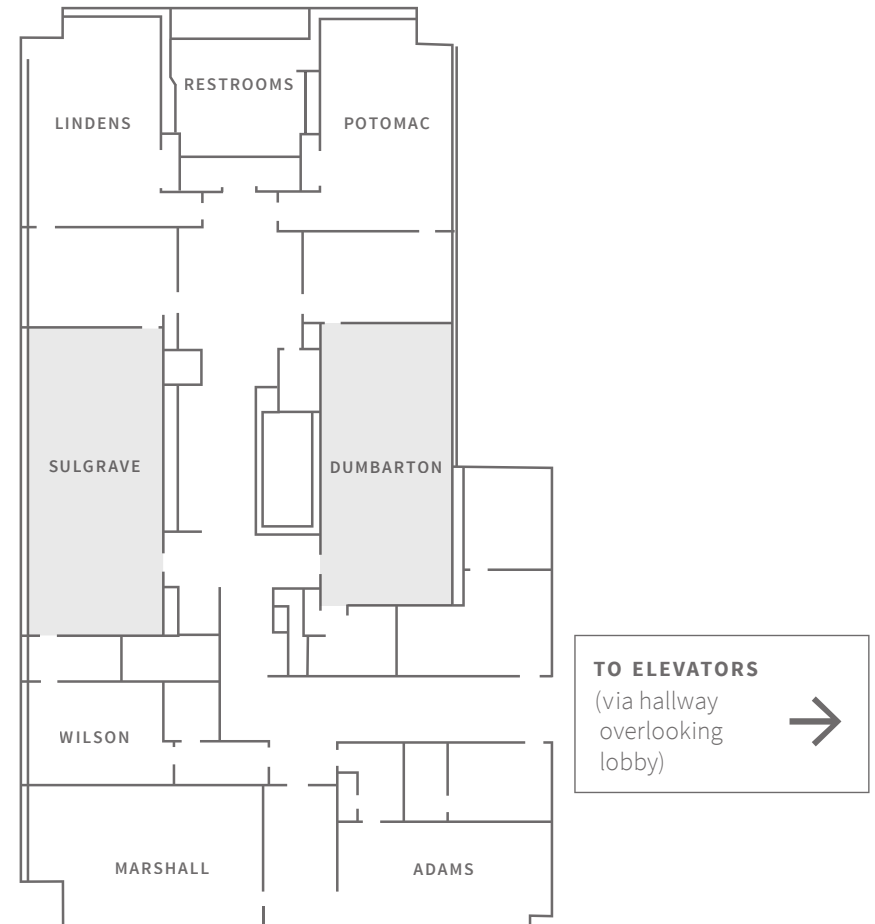
Each panel includes a moderator and panelists.

### Individual Papers

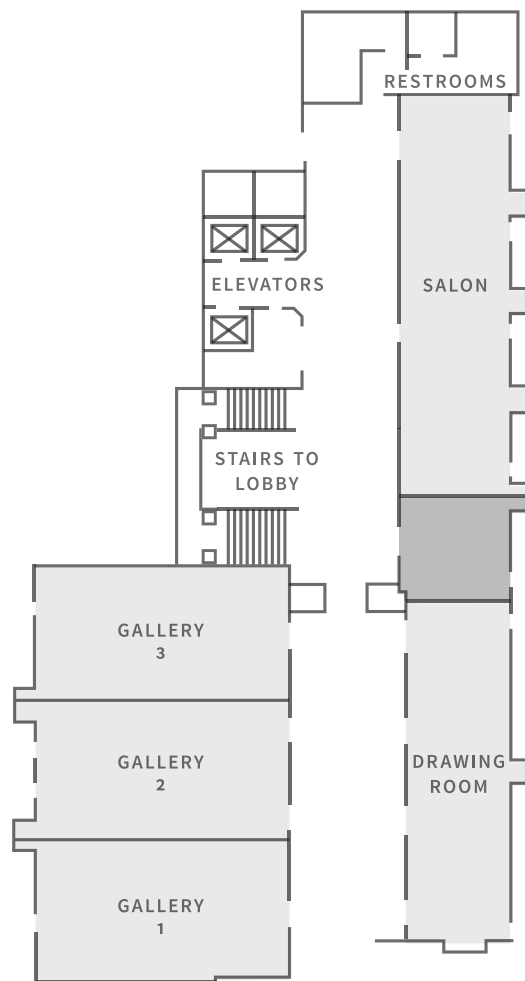
Individual papers with a similar focus that were accepted through the peer review process were assembled into a session by the program committee. A session chair was invited by the program committee to manage the session.



Ballroom Level  
**Fairmont Hotel**



Floor 3 Meeting Rooms  
**Fairmont Hotel**



Ballroom Level  
Park Hyatt Hotel

## SREE Spring 2015 Conference

### Learning Curves: Creating and Sustaining Gains from Early Childhood through Adulthood March 5-7, 2015, Washington, D.C.

The theme of the SREE Spring 2015 Conference, Learning Curves: Creating and Sustaining Gains from Early Childhood through Adulthood, explores the role of research in understanding and supporting learning and growth from preschool through college and beyond. Education scientists focused on one developmental period may have limited expertise beyond the trajectory and contextual influences primarily associated with one stage of a child's development. One consequence may be precision in scholarship and practice at the expense of breadth of knowledge and experience across a range of educational phases and pathways. The result may be fragmented, and ultimately less effective, science, policy, and practice.

A focus on educational trajectories and transitions, from: (a) preschool to kindergarten, (b) elementary to middle school, (c) middle to high school, (d) high school to college, and (e) into adulthood, in combination with understanding the contributions of learning across time, may be critical in determining the means to best support enduring outcomes. The frequently observed "fade-out" of gains associated with a specific intervention, particularly, though not exclusively, in early childhood, reinforces the value of a longitudinal perspective. Studies that address mechanisms for potential maintenance, or extension, of impacts over time, and models of interventions that may support sustained effects by bridging across transitions, are well-suited for this meeting. Though not all conference presentations will explicitly examine educational pathways or trajectories, symposia, panels, papers and posters should contribute to understanding the manner in which a specific period of development or intervention may have long-term implications for learning over the continuum of the life course. These may include classroom, school, neighborhood or peer influences on growth. Research on international studies, across all conference sections, and potentially including international and domestic comparison and contrast within a conference session, is encouraged.

#### Program Committee

Pamela Morris (Chair), New York University  
David Deming, Harvard University  
Thurston Domina, University of California - Irvine  
Bridget Hamre, University of Virginia  
Douglas Lauen, University of North Carolina - Chapel Hill  
Katherine Magnuson, University of Wisconsin - Madison  
Shira Mattera, MDRC  
Takako Nomi, Saint Louis University

**Abstract Submission Deadline: October 1, 2014**  
<https://www.sree.org/conferences/2015s/pages/call.php>

# SREE

Society for Research on Educational Effectiveness

## Fall 2014 Conference Program Committee

Jennifer O'Day (Co-Chair), American Institutes for Research  
Dean Gerdeman (Co-Chair), American Institutes for Research  
Elaine Allensworth, University of Chicago CCSR  
Celene Domitrovich, CASEL  
Janice Earle, National Science Foundation  
Jorge Ruiz de Velasco, Stanford University

## SREE Board of Directors

J. Lawrence Aber, New York University  
Robert Granger, Consultant  
Judith M. Gueron, MDRC  
Larry V. Hedges, Northwestern University  
Jacqueline Jones, Foundation for Child Development  
Bridget Terry Long, Harvard University  
Rebecca Maynard, University of Pennsylvania  
David Myers, American Institutes for Research  
Sean F. Reardon, Stanford University  
Barbara Schneider, Michigan State University  
Judith D. Singer, Harvard University  
Ruth López Turley, Rice University

The Society for Research on Educational Effectiveness  
would like to thank the following organizations for their support:



BILL & MELINDA  
GATES foundation



NORTHWESTERN  
UNIVERSITY



WILLIAM T. GRANT FOUNDATION



MICHIGAN STATE  
UNIVERSITY



Stanford | GRADUATE SCHOOL OF  
EDUCATION



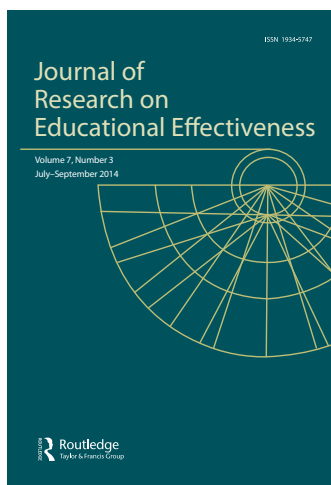
mdrc



SRI Education







**Special Issue on Learning Disabilities Research Studies:  
Findings from NICHD-Funded Projects**

Brett Miller, Sharon Vaughn, and Lisa S. Freund, Guest Editors

**INTERVENTION, EVALUATION, AND POLICY STUDIES**

**Behavioral Attention: A Longitudinal Study of Whether and How It Influences  
the Development of Word Reading and Reading Comprehension  
Among At-Risk Readers**

*Amanda C. Miller, Douglas Fuchs, Lynn S. Fuchs, Donald Compton, Devin Kearns,  
Wenjuan Zhang, Loulee Yen, Samuel Patton, and Danielle Peterson Kirchner*

**Long-Term Effects of First-Grade Multitier Intervention**

*Stephanie Al Otaiba, Young-Suk Kim, Jeanne Wanzek, Yaacov Petscher,  
and Richard K. Wagner*

**An Experimental Evaluation of Guided Reading and Explicit Interventions  
for Primary-Grade Students At-Risk for Reading Difficulties**

*Carolyn A. Denton, Jack M. Fletcher, W. Pat Taylor, Amy E. Barth, and Sharon Vaughn*

**COMMENTARIES**

**Accumulating Knowledge: When Are Reading Intervention Results Meaningful?**

*Jack M. Fletcher and Richard K. Wagner*

**Closing a Virtuous Circle: Reciprocal Influences between Theory and Practice  
in Studies of Reading Intervention**

*Margaret J. Snowling and Charles Hulme*