

# Empirical Education Inc. Presentations at the American Educational Research Association Chicago, IL April 9-13, 2007

## Technology Research: Paper Discussion Session 2 – Roundtable 2

Participants: [Jessica Villaruz Cabalo, \(Empirical Education Inc.\)](#)  
[Minh-Thien Vu \(Empirical Education Inc.\)](#)  
[Effectiveness of Carnegie Learning’s Cognitive Tutor in Algebra I: A Report of a Randomized Experiment in the Maui School District](#)

Monday April, 9 12:50pm to 1:30pm

Hyatt Grand Ballroom, Sections E-F, East Tower - Gold Level Roundtable 2

## Increasing the Rigor and Relevance of District Evaluations Through Federal Policy: Do Randomized Experiments Fill the Bill?

Chair: [Jane David \(Bay Area Research Group\)\\*](#)

Participants: [Denis Newman, \(Empirical Education Inc.\)](#)  
[The District Motivation and Design Constraints of Experimental Evaluations](#)  
[Jane David & David Greene \(Bay Area Research Group\)](#)  
[Challenges in Implementing Randomized Experiments to Support School District Decision Making](#)

Cynthia E. Coburn (University of California - Berkeley)

Joan E. Talbert (Stanford University)

[Conceptions of Evidence-Based Practice in School Districts: Where Do Experimental Methods Fit In?](#)

James J. Kemple (MDRC)

[Conducting Random Assignment Studies in Education: Lessons for Knowledge Building](#)

Discussants: [Joseph M. O'Reilly \(Mesa Public Schools\)](#)  
[Michael W. Stetter \(Deleware Department of Education\)](#)

Monday April, 9 2:15pm to 3:45pm

Sheraton Chicago Ballroom, Section VIII, Level 4

\* Bay Area Research Group is working under a subcontract with Empirical Education

## Research Design Meets Real-World Educational Contexts

Chair: [Andrew A. White \(Institute of Education Sciences\)](#)

Participants: [Andrew P. Jaciw \(Empirical Education Inc.\)](#)  
[Xin Wei \(Empirical Education Inc.\)](#)  
[Heterogeneity of Impact Estimates in Group Randomized Trials: Sensitivity of Inferences About Differential Treatment Impacts to Modeling Assumptions](#)

Jessaca K. Spybrook (University of Michigan)

[An Investigation of Design and Analysis Issues Confronted by Group Randomized Studies](#)

Stephen Gerard Schilling (University of Michigan)

Yevgeniya Kleyman (University of Michigan)

[Propensity Score Models for School-Level Assignment Using Penalized Maximum Likelihood Estimation and Optimal Matching](#)

Tammiee S. Dickenson (University of South Carolina - Columbia) Jessalyn Smith (University of South Carolina)

Joanna Angeline Gilmore (University of South Carolina)

Robert L. Johnson (University of South Carolina)

Selection of Comparison Schools for South Carolina's Reading First, Using Match It With Follow-Up HLM Analysis

Yu Nu Yang (Prince George's County Public Schools)

Yuan Hwang Li (Prince George's County Public Schools)

Using the Multiple Sets of Matched Samples and Statistical Controls to Evaluate a Reading Intervention Program

Terran Leon Brown (University of California - Santa Barbara)

Rebecca Zwick (University of California - Santa Barbara)

Measuring the Black-White Achievement Gap in Racially Isolated Schools

Discussant: Edward W. Wiley (University of Colorado - Boulder)

Monday April, 9 4:05pm to 6:05pm

Marriott Chicago Ballroom, Section A, Fifth Floor

**Selected Program Evaluation Findings and Methods**

Chair: David L. Holdzkom (Wake County NC Public School System)

Participants: Stephen M. Ross (University of Memphis) et. al

Charter Schools in Educational Reform:

Achievement and Success Outcomes in an Urban District

Haiwen Wang (SRI International)

Combining Propensity Score matching and Hierarchical Modeling to Evaluate the Effects of Ability Grouping

Martha Abele Mac Iver (Johns Hopkins University)

Douglas J. Maciver (Johns Hopkins University)

The Impact of Comprehensive School Reform With NSF-Supported Mathematics Curricula on Middle-Grades Student Mathematics Achievement

Jennifer Schimmenti Poulos (Abt Associates Inc.)

Fran E. O Reilly (Abt Associates Inc.)

The Untold Tale: Results of a Research Synthesis of K-12 Math and Science Professional Development

Sharon A. Brown (Cleveland State University)

James A. Salzman (Cleveland State University)

Turning Water Into Wine: The Case for Internal Evaluation as Vital to Evaluation Funding

**Discussant: Denis Newman (Empirical Education Inc.)**

Tuesday April, 10 10:35am to 12:05pm

Marriott Great America, Sixth Floor

**The Use of Experimental Designs in Education Research: Current Examples From the Regional Educational Laboratories**

Chair: Amy F. Feldman (Institute of Education Sciences)

Participants: **Denis Newman (Empirical Education Inc.)**

Arie J. van der Ploeg (Learning Point Associates)

Johannes Bos (Berkeley Policy Associates)

Herbert Milton Turner (University of Pennsylvania)

Discussant: Russell M. Gersten (Institutional Research Group)

Wednesday April, 11 10:35am to 12:05pm

Marriott Chicago Ballroom, Section B, Fifth Floor