

# AMERICAN INSTITUTES FOR RESEARCH

At the American Educational Research Association (AERA) 2013 Annual Meeting

San Francisco, California | April 27–May 1, 2013



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Established in 1946, with headquarters in Washington, D.C., the American Institutes for Research (AIR) is an independent, nonpartisan not-for-profit organization that conducts behavioral and social science research and evaluation important social issues and provides technical assistance, both domestically internationally, in the and areas education. health and workforce productivity.

To learn more about AIR and career opportunities, visit the AIR website at: www.air.org.

# AIR Has a Significant Presence at AERA 2013 Annual Meeting

AIR has a significant presence at this year's American Educational Research Association (AERA) Annual Meeting in San Francisco, California. About 80 members of AIR's staff were selected to participate in a variety of conference proceedings.

AlR is one of the nation's leading educational research and evaluation organizations. Since its founding in 1946 as a not-for-profit organization, AlR has been devoted to providing excellence in research, analysis, technical assistance, assessment, and strategic planning to school districts, states, and the federal government, as well as to industry, organizations, and foundations. AlR is proud of the depth and reach of its education-related work, which helps advance understanding and supports improved learning across the nation and the world.

We welcome you to attend one of the many sessions in which AIR staff are participating, as outlined in the following pages of this booklet.

#### ABOUT THIS BOOKLET

For your convenience, this booklet is organized in two sections. The first section lists presentations by date and time. The second section lists presentations by topic.

#### **JOIN AIR FOR A RECEPTION**

Sunday, April 28, 2013 7:00 – 9:00 p.m. Hilton Union Square Continental Ballroom 6 333 O'Farrell Street San Francisco, California 94102

### Index of Presentations by Date and Time

### Saturday, April 27

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Hilton Union Square, Ballroom Level - Continental 6

Participant David M. Osher

Saturday, April 27 12:00 pm – 1:30 pm School Climate and Students' Social and Emotional Outcomes

Hilton Union Square, Ballroom Level - Imperial Ballroom B
Presenters/Authors Leah Brown, Ann-Marie Faria, David M. Osher,

Kimberly Trumbull Kendziora

Session Diversity in Social and Emotional Learning

Instruction

Saturday, April 27 2:15 pm – 3:45 pm Assessing the Impact of a Professional Development Program on Middle School Teachers' Instructional Practices: Using Surveys and Teacher Assignments

Hilton Union Square, Ballroom Level - Imperial Ballroom B
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Mengli Song, Kwang Suk Yoon

Session Professional Development Models in Mathematics

Studies in the School Effects Tradition: Raising Achievement and Addressing Persistent Inequality

Hilton Union Square, Fourth Level - Tower 3 Union Square 17

Discussant Daniel Potter

The Impact of the eMINTS Program on Student Achievement and 21st-Century Skills: First-Year Results

Parc 55. Second Level - Haight

Presenters/Authors W. Christopher Brandt, Coby Meyers.

Ayrin C. Molefe, Sheila M. Rodriguez

Session Challenges and Opportunities: Supporting

High-Poverty Schools

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Sunday, April 28 8:15 am – 9:45 am

### An International Comparison of the Score Gap Between Lowand High-Performing Students on PIRLS 2011 and TIMSS 2011

Parc 55, Fourth Level - Cyril Magnin Foyer
Presenter/Author Laura Kolind Warren

Session Global Analyses of Educational Achievement

### Developing a Statewide K-12 Early Warning Indicator System in Massachusetts

Hilton Union Square, Ballroom Level - Imperial Ballroom A

Presenter/Author Susan Bowles Therriault

Session Educational Leaders, Social Justice, and Students

at the Margins

# Equity in Education: Gains in Reading Achievement From an International Perspective Using PIRLS and PISA

Parc 55, Fourth Level - Cyril Magnin Foyer

Presenter/Author Lydia Malley

Session Global Analyses of Educational Achievement

# Getting More From Multiple Years of Teacher Value-Added Estimates

Westin St. Francis, Second Level - California West

Presenters/Authors Kilchan Choi, Zeyu Xu

Session Using Data to Measure and Make Decisions About

Teacher Quality

# Raising All Boats: Identifying and Profiling Six High-Performing Districts in California

Sir Francis Drake, Second Level - Empire

Presenters/Authors Melissa Arellanes, Mette Huberman

Session Do Districts Matter? Reconceptualizing and

Refocusing Districts as High-Performing

Instructional Leaders

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### Evidence of Systemic Change for Social and Emotional Learning: Findings From Evaluation of the Collaborating Districts Initiative

Hilton Union Square, Fourth Level - Tower 3 Union Square 15 and 16

Presenters/Authors Allison Dymnicki, Lawrence B. Friedman,

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Session Building Systemic Support for Social, Emotional,

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Presenters/Authors Allison Gruner Gandhi, Jennifer Scala

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### Analysis Tools for More Accurate Identification of Low-Performing and Turnaround Schools

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Presenters/Authors Kilchan Choi, Michael Hansen

Session Identifying Potentially Successful Approaches

to Turning Around Chronically Low-Performing

Schools

### Exploratory Analysis of Asian-White Achievement Gaps Using Data From the National Assessment of Educational Progress

Sir Francis Drake, Second Level - Empire

Presenters/Authors George W. Bohrnstedt, Michael Dooley

Session Exploring Plausibility of Averaged NAEP Values,

Achievement Gaps, Student Engagements, and

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#### Policies, Programs, and Practices Associated With School Turnaround

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# Studying Clinical Experience: Developing Solutions and Building a Research Agenda

Westin St. Francis, Second Level - Essex
Presenter/Author Meredith Jane Ludwig

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Presenters/Authors Jenifer Harr-Robins, Steven Hurlburt,

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Participant Diane L. August
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Discussant Jane Hannaway

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### A Successful Science Intervention for Middle-Grade English Language Learners

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Presenter/Author Diane L. August

Session Targeting Language Skills for English Learner

Students: Findings From Intervention Research

and Implications for Practice

# A Successful Vocabulary Intervention for Young English Language Learners

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Presenters/Authors Jessica Heppen, Suzanne Stachel,

Nicholas Sorensen, Kirk Walters

Session Increasing Graduation Rates Through High School

Student Engagement

### Optimizing Principal Feedback: Content Validity and Feasibility Testing of a Fair and Accurate Principal Observation Instrument

Westin St. Francis, Second Level - Elizabethan A
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Kim M. Bobola, Matthew A. Clifford
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Principal Evaluation and Professional

Development

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Chair Arie J. van der Ploeg

Sunday, April 28 6:15 pm – 7:45 pm Joint School Effectiveness and School Improvement SIG and School Turnaround and Reform SIG Business Meeting

Hilton Union Square, Lobby Level - Golden Gate 3

Chair Marlene J. Darwin

### Monday, April 29

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International Education Research Made Easier: How to Use Several Free Online Data Tools

Grand Hyatt, Theatre Level - Conference Theatre

Instructors Lydia Malley, David C. Miller, Laura Kolind Warren

Monday, April 29 8:15 am – 10:15 am Do Interim Assessment Results Promote Targeted Instruction?

Parc 55, Fourth Level - Mission II and III

Presenters/Authors Jared Eno, Coby Meyers, Shazia R. Miller, Brenna O'Brien, Andrew P. Swanlund,

Natalie Tucker, Arie J. van der Ploeg,

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Session Use of Assessment Data to Inform Instruction

Monday, April 29 10:35 am – 12:05 pm A Preliminary Investigation of Reliability and Validity Evidence for NAEP Student Background Questionnaires

Parc 55, Second Level - Haight

Presenters/Authors George W. Bohrnstedt, Sharyn Rosenberg
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**National Authorizer-Charter School Catalog** 

Parc 55, Third Level - Powell II
Presenter/Author Joni Pearlman

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Where Are the Gaps, and What Should Be the

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# The End of Districts: Using Organizational Learning to Leverage Change in Central Offices' Conventional Roles

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Parc 55, Second Level - Haight

Presenters/Authors Burhan Ogut, Lu Michelle Yin

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Parc 55, Fourth Level - Cyril Magnin II Chair Jav G. Chambers

#### **Design Overview of the ECHSI Impact Study**

Hotel Nikko, Third Level - Nikko III Presenter/Author Lori Turk-Bicakci

Session The Early College High School Initiative: Findings

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#### **Evaluating Approaches for Addressing Missing Data**

Sir Francis Drake, Second Level - Empire Chair Michael P. Cohen

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# Efficacy of the Check & Connect Dropout Prevention Program: First Year Implementation and Impacts

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### Cost-Effectiveness Analysis Meets the What Works

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Sir Francis Drake, Second Level - Empire
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### School Effectiveness and School Improvement

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# Joint School Effectiveness and School Improvement SIG and School Turnaround and Reform SIG Business Meeting

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Chair Marlene J. Darwin

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### Social and Emotional Learning

Saturday, April 27 12:00 pm - 1:30 pm

#### School Climate and Students' Social and Emotional Outcomes

Hilton Union Square, Ballroom Level - Imperial Ballroom B Presenters/Authors Leah Brown, Ann-Marie Faria, David M. Osher,

Kimberly Trumbull Kendziora

Session Diversity in Social and Emotional Learning

Instruction

Sunday, April 28 8:15 am - 10:15 am

### **Evidence of Systemic Change for Social and Emotional** Learning: Findings From Evaluation of the Collaborating **Districts Initiative**

Hilton Union Square, Fourth Level - Tower 3 Union Square 15 and 16

Presenters/Authors Allison Dymnicki, Lawrence B. Friedman,

> Brenna O'Brien, David M. Osher, Kimberly Trumbull Kendziora

Session Building Systemic Support for Social, Emotional.

and Academic Learning in Large Urban School

Districts

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### Social Context of Education

### Education in Multicultural Contexts Within and Across Subject Areas

Wednesday, May 1 2:15 pm – 3:45 pm Identity Matters: The Promise of Group-Conscious Pedagogy for Social Justice

Hilton Union Square, Fourth Level - Tower 3 Union Square 13

Presenter/Author Nicholas Sorensen

Session The Impact of Intergroup Dialogue: Engaging

Social Identities Through Critical Pedagogy

### Social Context of Research on Schools and Communities

Wednesday, May 1 12:25 pm – 1:55 pm Say Yes to Education in Syracuse

Hilton Union Square, Ballroom Level - Imperial Ballroom B

Presenter/Author David M. Osher

Session Transforming Research, Policy, and Practice:

Studying Comprehensive Community

Collaboratives

### Sociology of Education

Saturday, April 27 2:15 pm – 3:45 pm Studies in the School Effects Tradition: Raising Achievement and Addressing Persistent Inequality

Hilton Union Square, Fourth Level - Tower 3 Union Square 17

Discussant Daniel Potter

Tuesday, April 30 2:00 pm – 3:30 pm Resiliency Amidst Risk: What Can Be Learned Looking at "High-Risk High Achievers"

Hilton Union Square, Sixth Level - Tower 3 Mason
Presenters/Authors Daniel Potter, Jeremy Redford

Session What Can Be Learned From Focal Groups

### Special Education Research

Sunday, April 28 10:35 am – 12:05 pm Implementing Intensive Interventions for Students With Disabilities: Lessons From the Field

Hilton Union Square, Fourth Level - Tower 3 Union Square 17
Presenters/Authors Allison Gruner Gandhi, Jennifer Scala

Session Experiences With RTI (Response to Intervention)

Sunday, April 28 12:25 pm – 1:55 pm

### The Inclusion of Students With Disabilities in School Accountability Systems

Hilton Union Square, Fourth Level - Tower 3 Union Square 17

Presenters/Authors Jenifer Harr-Robins, Steven Hurlburt,

Cheryl Pruce, Mengli Song

Session Inclusion in Practice

### Structural Equation Modeling

Tuesday, April 30 5:05 pm – 6:35 pm

### Variables Influencing Factor Recovery in Exploratory Factor Analysis With Ordinal Data

Parc 55, Third Level - Powell I
Presenter/Author Rong Jin

Session Model Selection, Model Fit, and Measurement

Invariance in Structural Equation Modeling

### Survey Research in Education

Monday, April 29 2:45 pm – 4:15 pm Measuring Subbaccalaureate Certifications and Certificates Among U.S. Adults: Results From a 2010 National Pilot Study

Sir Francis Drake, Second Level - Empire

Presenters/Authors Stacey Bielick, Stephanie M. Cronen
Session Applications in Survey Research

Tuesday, April 30 8:00 am – 9:30 am

### Methodological Issues in Survey Research

Parc 55, Second Level - Divisadero
Discussant Michael P. Cohen

### **Teaching and Teacher Education**

Saturday, April 27 2:15 pm – 3:45 pm Assessing the Impact of a Professional Development Program on Middle School Teachers' Instructional Practices: Using Surveys and Teacher Assignments

Hilton Union Square, Ballroom Level - Imperial Ballroom B
Presenters/Authors Meredith Jane Ludwig, Jamie L. Shkolnik,

Mengli Song, Kwang Suk Yoon

Session Professional Development Models in Mathematics

Sunday, April 28 12:25 pm – 1:55 pm

### Studying Clinical Experience: An Overview of Study Group

**Progress** 

Westin St. Francis, Second Level - Essex
Presenter/Author Meredith Jane Ludwig

Session Studying Clinical Experience: Developing Solutions

and Building a Research Agenda

Sunday, April 28 12:25 pm – 1:55 pm

### Studying Clinical Experience: Building a Research Agenda

Addressing Problems of Clinical Experience Westin St. Francis, Second Level - Essex

Presenter/Author Meredith Jane Ludwig

Session Studying Clinical Experience: Developing Solutions

and Building a Research Agenda

Sunday, April 28 12:25 pm – 1:55 pm

### Studying Clinical Experience: Developing Solutions and

**Building a Research Agenda** 

Westin St. Francis, Second Level - Essex
Chair Meredith Jane Ludwig

Tuesday, April 30 10:20 am – 11:50 am

### Impact Studies in Teacher Professional Development

Hilton Union Square, Ballroom Level - Continental 1

Discussant Kwang Suk Yoo

### AERA SPECIAL SESSIONS

### **AERA Governing Committees**

Sunday, April 28

#### **AERA Fellows Breakfast**

8:15 am - 10:15 am

Hotel Nikko, Second Level - Mendocino I

Participant Michael P. Cohen
Session AERA Governance

Sunday, April 28 2:15 pm – 3:45 pm

### **AERA Government Relations Committee: Closed Meeting**

Hotel Nikko, Second Level - Mendocino I
Participant Diane L. August

Session AERA Governance

# THE NATIONAL COUNCIL ON MEASUREMENT IN EDUCATION 2013 ANNUAL MEETING AND TRAINING SESSIONS

The National Council on Measurement in Education (NCME) is holding its 2013 annual meeting and training sessions at the InterContinental Hotel, April 26–30, in San Francisco in conjunction with AERA's annual meeting. AIR staff members have been selected to give the following presentations at NCME's annual meeting:

Friday, April 26 8:00 am - 5:00 pm Multidimensional Item Response Theory: Theory and Applications and BMIRT, LinkMIRT, and SimuMIRT Software

InterContinental, Cathedral Hill - 4th Floor, DD

Presenter Yuan Hong

Session Pre-Conference Training

Sunday, April 28 2:30 pm – 4:00 pm **Evaluating Argument Structure** 

InterContinental, Grand Ballroom C - 3rd Floor

Presenter Jon Cohen

Session Practical Issues in Automated Scoring

(Coordinated Session, D3)

Sunday, April 28 4:15 pm – 5:30 pm **Teacher Effectiveness: Qualitative Measures** *InterContinental, Fourth Level - Twin Peaks*Chair Arie J. van der Ploeg

Monday, April 29 8:00 am – 9:30 am **NCME Breakfast** 

InterContinental, Fourth Level - Pacific Terrace

Discussant Sharyn Rosenberg,

Incoming Chair,

Membership/Recruitment Committee

Monday, April 29 2:30 pm – 4:15 pm Test Security Coordinated Sessions I: Technical/Statistical/ Methodological Issues

InterContinental, Grand Ballroom A - 3rd Floor

Discussant Gary Phillips
Session Invited Session, H1

Tuesday, April 30 8:00 am – 9:45 am **Test Development and Theory** 

InterContinental, Grand Ballroom A - 3rd Floor

Presenter Young Yee Kim

Session Analysis of Topics in JEM, EM:IP and NCME

Program Bulletins (Invited Session, J1)



# The A<sup>2</sup> Fellows Program

Educational The American Research Association (AERA) and American Institutes for Research (AIR) offer the AERA-AIR (A2) Fellows Program, which seeks to encourage the development of highly skilled education researchers experienced in working large-scale studies in major research environments.

The Fellows Program provides research and training opportunities to recent Ph.D. or Ed.D. degree recipients in fields and disciplines related to the scientific study of education and educational processes. The program also aims to increase the number of underrepresented minority professionals conducting advanced research or technical assistance.

Fellows receive a \$45,000-50,000 annual stipend. Up to three fellows are selected annually for two-year positions at AIR's corporate headquarters in Washington, D.C.

To learn more about the program and how to apply, visit the AERA website, www.aera.net, or the AIR website, www.air.org.

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202.403.5000 www.air.org