At the American Educational Research Association (AERA)
2017 Annual Meeting
#AIRatAERA
San Antonio, TX | April 27–May 1, 2017
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 on important social issues and provides technical assistance, both domestically and internationally, in the areas of education, health and workforce productivity.

To learn more about career opportunities at AIR, visit www.air.org/careers. For general information, email inquiry@air.org.
Meet Us at AERA

Nearly 100 experts are representing AIR during this year’s annual AERA meeting in San Antonio, TX. This booklet tells you where you can meet AIR experts at various conference proceedings.

AIR is one of the world’s largest behavioral and social science research and evaluation organizations. Our overriding goal is to use the best science available to bring the most effective ideas and approaches to enhancing everyday life. For us, making the world a better place is not wishful thinking: It is the goal that drives us.

We welcome you to attend one of the many sessions in which our staff are participating.

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.

You’re Invited to Our Reception

Friday, April 28, 2017 | 6:30 pm – 8:30 pm
The Grand Promenade at Pat O’Brien’s | 113 Alamo Plaza | San Antonio, TX 78205
Index of Presentations by Date and Time

Thursday, April 27

**PDC01: Analyzing NAEP Assessment Data Using R**
*San Antonio Marriott Rivercenter, Third Floor, Grand Ballroom Salon E*
Instructors: Paul Dean Bailey, Ting Zhang
Session: Professional Development Course

**PDC05: Designing Surveys for Education Research**
*San Antonio Marriott Rivercenter, Third Floor, Conference Rooms 3 & 4*
Instructors: Mark Masterton, Jeremy Redford, Jill Walston
Session: Professional Development Course

**PDC06: Hierarchical Linear Modeling With Large-Scale International Databases**
*Henry B. Gonzalez Convention Center, Ballroom Level, Room 303 C*
Instructors: Sakiko Ikoma, David C. Miller, Bitnara Jasmine Park, Yuan Zhang
Session: Professional Development Course

Thursday, April 27

**Acceleration Programs in Minnesota: Characteristics and College Pathways of Students Who Participate**
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 3*
Presenter/Author: Elisabeth Davis
Session: Promising Practices That Address Diverse Learning Styles

**Current Issues in International Educational Policy and Politics**
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*
Chair: Janet Gao

**Development and Implementation of Quality Rating and Improvement Systems in the Midwest**
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*
Presenters/Authors: Ann-Marie Faria, Ariela Greenberg
Session: Early Childhood Education Policy, Program Quality, and QRIS
Thursday, April 27  
2:15 pm – 3:45 pm  
**Massachusetts Study of Teacher Supply and Demand: Trends and Projections**  
*Grand Hyatt San Antonio, Second Floor, Lone Star Ballroom Salon A*  
Presenters/Authors: Alex Berg-Jacobson, Jesse Levin  
Session: Teacher Shortages, Fact or Fiction? New Perspectives on Tracking Trends in the Teacher Workforce

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Thursday, April 27  
4:05 pm – 5:35 pm  
**A Confirmatory Factor Analysis of School Engagement for Students With Learning Disabilities or Emotional Disabilities**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2*  
Presenter/Author: Zachary Weingarten  
Session: School Leadership and Principals’ Management Practices

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Thursday, April 27  
4:05 pm – 6:05 pm  
**Multiple Group Cognitive Diagnosis Models and their Applications in Detecting Differential Item Functioning**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Room 302 C*  
Presenter/Author: Soo Yoon Lee  
Session: Research on Cognitive Diagnostic Modeling

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Friday, April 28  
**International Session on Societal Challenges and Educational Research—German Institute for International Educational Research**  
*Henry B. Gonzalez Convention Center, River Level, Room 8B*  
Participants: Frank Torres Fonseca, David C. Miller
Index of Presentations by Date and Time

Friday, April 28
8:00 am – 3:45 pm

**PDC12: Advanced Meta-Analysis**
*San Antonio Marriott Riverwalk, Second Floor, Ballroom Level, Alamo Ballroom Salon D*
Instructor  Ryan Williams
Session  Professional Development Course

Friday, April 28
10:35 am – 12:05 pm

**Implementing an Intervention to Transform the Placement of Student Teachers in Spokane Public Schools**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 221 C*
Presenters/Authors  Dan Goldhaber, Roddy Theobald
Session  Crossing Boundaries and Increasing Impact: Lessons from Successful Research-Practice Partnerships

**Measuring Impact and Understanding Implementation of School Improvement Grants in Massachusetts**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 B*
Presenters/Authors  Amelia Auchstetter, Dioni Garcia-Piriz, Alexandra Kistner, Christina LiCalsi, Karen Melchior, Laura Stein
Session  SIG to ESSA: New Lessons in School Turnaround

Friday, April 28
12:25 pm – 1:55 pm

**The Relationship Between Students’ Contextual Factors Related to Technology and Technology and Engineering Literacy Performance**
*Henry B. Gonzalez Convention Center, River Level, Room 7D*
Presenters/Authors  George Bohrnstedt, Markus Broer, Bitnara Jasmine Park
Session  Using NAEP Data to Understand What Students in the United States Know and Can Do

**Can the “Blunt Instruments” of Education Policy Affect Classroom Practice for English Learners?**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 B*
Discussant  Jennifer O’Day

**Impacts of Ramp-Up to Readiness™ After One Year of Implementation**
*Henry B. Gonzalez Convention Center, Street Level, Exhibit Hall 4*
Presenters/Authors  Elisabeth Davis, James Lindsay, Amy Proger
Session  Program Evaluation With a Purpose: Creating Equal Opportunities for Learning in Schools

**Promoting Academic Achievement for English Language Learners Through Instructional Interventions and Teacher Preparation**
*Henry B. Gonzalez Convention Center, River Level, Room 7B*
Discussant  Peggy Clements
Friday, April 28
2:15 pm – 3:45 pm

**Does Vocational Still Imply Tracking? Examining the Evolution of Technical Education Curricular Policy in Texas**

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

Presenter/Author: Mark Schneider

Session: College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement

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**Early Effects of States’ Adoption of College- and Career-Ready Standards on Student Achievement**

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

Presenters/Authors: Michael Garet, Mengli Song, Rui Yang

Session: College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement

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**Forming a Professional Learning Community to Overcome Collaborative Research Challenges**

*Henry B. Gonzalez Convention Center, River Level, Room 7D*

Presenters/Authors: Erin Roth, Carrie Lynne Scholz

Session: Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories

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**Implementation of College- and Career-Ready Standards: A 50-State Comparison**

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

Presenter/Author: Mengli Song

Session: College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement

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**Lessons Learned in Working With Stakeholder Advisors Through Research-Practice Partnerships**

*Henry B. Gonzalez Convention Center, River Level, Room 7D*

Presenters/Authors: Julie Kochanek, James Lindsay

Session: Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories

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**Perspectives on the Role of Parent Involvement in Black Education**

*Grand Hyatt San Antonio, Fourth Floor, Crockett B*

Chair: Montrischa Monéy Williams

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**Research-Practice Partnerships: Dissemination Lessons From Two Regional Educational Laboratories**

*Henry B. Gonzalez Convention Center, River Level, Room 7D*

Presenters/Authors: Sonica Dhillon, Alicia Garcia, Lisa Shimmel

Session: Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories
Friday, April 28
2:15 pm – 3:45 pm

**Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories**
*Henry B. Gonzalez Convention Center, River Level, Room 7D*
Chair: Julie Kochanek

Friday, April 28
4:05 pm – 5:35 pm

**Bringing Evidence-Based Academic and Mental Health Practices to Schools**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 214 A*
Speaker: Allison Gruner Gandhi

**Connecting Deeper Learning to High School Graduation**
*Henry B. Gonzalez Convention Center, River Level, Room 7A*
Presenter/Author: Jordan Rickles
Session: Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes

**Deeper Learning and College Attendance: What Happens After High School?**
*Henry B. Gonzalez Convention Center, River Level, Room 7A*
Presenter/Author: Rui Yang
Session: Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes

**Deeper Learning and Equitable Outcomes: Is the Impact of Deeper Learning Consistent Across Student Subgroups?**
*Henry B. Gonzalez Convention Center, River Level, Room 7A*
Presenter/Author: Kristina Lillian Zeiser
Session: Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes

**School Features and Student Opportunities for Deeper Learning: What Makes a Difference?**
*Henry B. Gonzalez Convention Center, River Level, Room 7A*
Presenters/Authors: Helen Duffy, Mette Huberman, Jessica Mason, Jennifer O’Day
Session: Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes

Friday, April 28
4:05 pm – 6:05 pm

**An Examination of the Movement of Educators Within and Across Three Midwest States**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 B*
Presenters/Authors: James Lindsay, Yinmei Wan
Session: Teacher Mobility and Retention
Friday, April 28
4:05 pm – 6:05 pm
Preparing Future Principals: Results of an Impact Analysis of Four Innovative Preparation Programs
Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 A
Presenter/Author Matthew Clifford
Session Leadership Preparation: Systems and Policy

Saturday, April 29
8:15 am – 9:45 am
Investigating the Student Growth Across Subgroups From 2015 to 2016 in the AzMERIT Statewide Assessment
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1
Presenters/Authors Stephan Ahadi, Myung Hee Im
Session Examining Construct Irrelevant Factors Impacting Test Score Interpretations in Statewide Assessments

Investigating the Test Mode Difference in Item Characteristics and Student Subgroups in Statewide Assessments
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1
Presenter/Author Xiaoxin Elizabeth Wei
Session Examining Construct Irrelevant Factors Impacting Test Score Interpretations in Statewide Assessments

Measuring Leadership Practices in Jewish Day Schools
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1
Presenter/Author Yael Kidron
Session Leadership and Citizenship in Religious Schools

The Effect of the Time When the Test is Taken on Student Performance in Statewide Assessments
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1
Presenters/Authors Stephan Ahadi, Yuan Hong
Session Examining Construct Irrelevant Factors Impacting Test Score Interpretations in Statewide Assessments
Saturday, April 29
8:15 am – 10:15 am

Construction and Validation of a New Proxy SES Measure for NAEP Grade 12
Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 C
Presenters/Authors: George Bohrnstedt, Markus Broer
Session: The Development and Applications of Alternative Student Socioeconomic Status Measures

Saturday, April 29
2:45 pm – 4:15 pm

Employment and Educational Activities Across Life-Phases
Henry B. Gonzalez Convention Center, River Level, Room 6B
Presenters/Authors: Saida Mamedova, Emily Pawlowski
Session: What PIAAC Says About Adult Skills, Employment, Education, and the Workforce

Saturday, April 29
8:00 am – 12:00 pm

PDC23: Building Researchers’ Capacity to Partner With Practitioners to Conduct Relevant and Useful Research
San Antonio Marriott Riverwalk, Second Floor, Ballroom Level, Alamo Ballroom Salon A
Instructor: Shazia Miller
Session: Professional Development Course

Sunday, April 30
8:00 am – 12:00 pm

First-Generation Students: Factors That Shape Their Pathway to Degree
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1
Chair: Montrischa Monéy Williams

What PIAAC Says About Adult Skills, Employment, Education, and the Workforce
Henry B. Gonzalez Convention Center, River Level, Room 6
Chair: Jaleh Soroui
Sunday, April 30
8:15 am – 9:45 am

**Investigating the Relationship Between Students' Online Engagement and Their Online Course Outcomes**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 3*

Presenter/Author: Peggy Clements  
Session: Students' Perceptions, Outcomes, Online Engagement, and Satisfaction

**Native-Immigrant Gaps in Performance and Attitudes Toward Mathematics: Analysis of PISA 2012 Data**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2*

Presenters/Authors: Yuqi Liao, Ceylan Oymak, Yemurai Tsokodayi  
Session: Gender Differences

**What's Hiding Beneath International Estimates?**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 3*

Presenter/Author: Rachel Dinkes  
Session: Exploring the Educational Issues in an International Context

Sunday, April 30
10:35 am – 12:05 pm

**A Characterization of Power Method Transformations Through the Method of Percentiles**  
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

Presenter/Author: Tzu Chun Kuo  
Session: Statistical Research in the Contexts of Parametric Assumption Violations, Simulation, SEM, and Ordinal or Nominal Data Analyses

**Promoting the Educational Success of Children and Youth Learning English: Promising Futures—An Academies Report**  
*Henry B. Gonzalez Convention Center, 302 A & B*

Participant: Diane August

**The Relationship Between College Readiness and Early Mathematics and Reading Skills**  
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 214 A*

Presenters/Authors: Burhan Ogut, Lu Michelle Yin  
Session: School Readiness: Indicators, Predictors, and Effects
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Preparing Future Principals: Results of an Impact Analysis of Four Innovative Preparation Programs
*Henry B. Gonzalez Convention Center, Street Level, Exhibit Hall 4*
Presenters/Authors: Jiashan Cui, Huade Huo, Zoe Padgett, Jijun Zhang
Session: Persistence and Attainment of Nontraditional Students

Sunday, April 30
4:05 pm – 6:05 pm
Data-Driven Decision-Making Instrumentation and Methodology
*Grand Hyatt San Antonio, Fourth Floor, Texas Ballroom Salon D*
Discussant: Shazia Miller

First-Year Impacts of the Early Warning Intervention and Monitoring System
*Grand Hyatt San Antonio, Fourth Floor, Texas Ballroom Salon D*
Presenters/Authors: Jill Bowden, Ryan Eisner, Ann-Marie Faria, Shandu Foster, Jessica Heppen, Nicholas Sorenson, Suzanne Taylor
Session: Data-Driven Decision-Making Instrumentation and Methodology

Monday, May 1
10:35 am – 12:05 pm
Comparing TIMSS Advanced With NAEP Grade 12 Assessments in Mathematics and Science
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211*
Presenters/Authors: Kim Gattis, Sarah Guile, Teresa Neidorf
Session: Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness

How Large Are the Cumulative Effects of Interim Assessments on Student Achievement?
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2*
Presenter/Author: Shazia Miller
Session: Applied Research in School: Teaching and Learning

International Comparisons of Performance in Advanced Mathematics and Physics at the End of Secondary School
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211*
Presenters/Authors: Ebru Erberber, Maria Stephens
Session: Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness
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| **Monday, May 1**             | **Profiles of U.S. Performance in Advanced Mathematics and Physics in an International Context**  
Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211  
Presenters/Authors: Alka Arora, Teresa Neidorf  
Session: Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness  
Teacher and Student Attitudes Toward a Math Intervention for Middle-Grade English Learners: Yes!  
Grand Hyatt San Antonio, Third Floor, Bonham E  
Discussant: Diane August  
**AERA-Deeper Learning Fellows Workshop—Day 1:**  
Closed Meeting  
Grand Hyatt San Antonio, Third Floor, Bonham B  
Participants: Michael Garet, Jennifer O’Day, Jordan Rickles, Rui Yang, Kristina Lillian Zeiser  
How Loan Averse Students View Income Share Agreements  
Henry B. Gonzalez Convention Center, River Level, Room 6C  
Presenters/Authors: Jessica Mason, Audrey Peek, Matthew Soldner  
Session: Dreams Deferred by Debt: Student Outcomes Federal and State Loan Programs  
Identifying Early Warning Indicators in Three Ohio School Districts  
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2  
Presenters/Authors: Sonica Dhillon, James Lindsay  
Session: Expanding Data-Driven Decision-Making Methodology and Perspectives  
Moving the Needle on Social and Emotional Learning: Programs and Potential  
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1  
Chair: Ginger Stoker  
The Effects of a School-Based Program on Social and Emotional Learning in Elementary Schools  
Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1  
Presenters/Authors: Yael Kidron, David Osher  
Session: Moving the Needle on Social and Emotional Learning: Programs and Potential  |
Monday, May 1
2:15 pm – 3:45 pm

“I Felt Like a Fish Without Water”: First-Year Experiences of Middle College High School Alumni

Grand Hyatt San Antonio, Second Floor, Lone Star Ballroom Salon F

Presenter/Author: Montrischa Monéy Williams
Session: Queering the First Year Experience: Hidden Hindrances to Retaining High Performing Students of Color
Index of Presentations by Topic

Administration

Leadership Development

Thursday, April 27
2:15 pm – 3:45 pm

The Utility of Teacher and Student Surveys in Principal Evaluations: An Empirical Investigation

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2*

Presenter/Author: James Lindsay

Session: School Leadership and Principals’ Management Practices

Friday, April 28
4:05 pm – 6:05 pm

Preparing Future Principals: Results of an Impact Analysis of Four Innovative Preparation Programs

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 A*

Presenter/Author: Matthew Clifford

Session: Leadership Preparation: Systems and Policy

Sunday, April 30
12:25 pm – 1:55 pm

Is the Full-Time/Full-Semester Internship a Promising and Replicable Strategy for All Principal Programs to Consider?

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*

Presenter/Author: Melissa Brown-Sims

Session: Preparation Program Considerations in Leadership Development

Adult Literacy and Adult Education

Saturday, April 29
2:45 pm – 4:15 pm

Employment and Educational Activities Across Life-Phases

*Henry B. Gonzalez Convention Center, River Level, Room 6B*

Presenters/Authors: Saida Mamedova, Emily Pawlowski

Session: What PIAAC Says About Adult Skills, Employment, Education, and the Workforce

Saturday, April 29
2:45 pm – 4:15 pm

What PIAAC Says About Adult Skills, Employment, Education, and the Workforce

*Henry B. Gonzalez Convention Center, River Level, Room 6B*

Chair: Jaleh Soroui
# Advanced Studies of National Databases

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# Bilingual Education Research

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# Counseling and Human Development

## Counseling

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# Data-Driven Decision Making in Education

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12:25 pm – 1:55 pm

**Identifying Early Warning Indicators in Three Ohio School Districts**

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2*

Presenters/Authors: Sonica Dhillon, James Lindsay

Session: Expanding Data-Driven Decision-Making Methodology and Perspectives

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**Early Education and Child Development**

Thursday, April 27
2:15 pm – 3:45 pm

**Development and Implementation of Quality Rating and Improvement Systems in the Midwest**

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*

Presenters/Authors: Ann-Marie Faria, Ariela Greenberg

Session: Early Childhood Education Policy, Program Quality, and QRIS

Sunday, April 30
10:35 am – 12:05 pm

**The Relationship Between College Readiness and Early Mathematics and Reading Skills**

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 214 A*

Presenters/Authors: Burhan Ogut, Lu Michelle Yin

Session: School Readiness: Indicators, Predictors, and Effects

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**Educational Policies and Politics**

Curriculum and Instructional Practice

Friday, April 28
2:15 pm – 3:45 pm

**Does Vocational Still Imply Tracking? Examining the Evolution of Technical Education Curricular Policy in Texas**

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

Presenter/Author: Mark Schneider

Session: College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement

Friday, April 28
2:15 pm – 3:45 pm

**Early Effects of States’ Adoption of College- and Career-Ready Standards on Student Achievement**

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

Presenters/Authors: Michael Garet, Mengli Song, Rui Yang

Session: College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement
**Implementation of College- and Career-Ready Standards: A 50-State Comparison**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

**Presenter/Author**  
Mengli Song

**Session**  
College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement

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**Governance, Finance, and Intergovernmental Relations**

**Current Issues in International Educational Policy and Politics**
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*

**Chair**  
Janet Gao

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**Human Capital**

**An Examination of the Movement of Educators Within and Across Three Midwest States**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 B*

**Presenters/Authors**  
James Lindsay, Yinmei Wan

**Session**  
Teacher Mobility and Retention

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**Social Policies and Education**

**Can the “Blunt Instruments” of Education Policy Affect Classroom Practice for English Learners?**
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 B*

**Discussant**  
Jennifer O’Day

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**Educational Statisticians**

**A Characterization of Power Method Transformations Through the Method of Percentiles**

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A*

**Presenter/Author**  
Tzu Chun Kuo

**Session**  
Statistical Research in the Contexts of Parametric Assumption Violations, Simulation, SEM, and Ordinal or Nominal Data Analyses
International Studies

Sunday, April 30 8:15 am – 9:45 am

Native-Immigrant Gaps in Performance and Attitudes Toward Mathematics: Analysis of PISA 2012 Data

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2*

Presenters/Authors: Yuqi Liao, Ceylan Oymak, Yemurai Tsokodayi,

Session: Gender Differences

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Sunday, April 30 8:15 am – 9:45 am

What’s Hiding Beneath International Estimates?

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 3*

Presenter/Author: Rachel Dinkes

Session: Exploring the Educational Issues in an International Context

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Monday, May 1 10:35 am – 12:05 pm

Comparing TIMSS Advanced With NAEP Grade 12 Assessments in Mathematics and Science

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211*

Presenters/Authors: Kim Gattis, Sarah Guile, Teresa Neidorf

Session: Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness

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Monday, May 1 10:35 am – 12:05 pm

International Comparisons of Performance in Advanced Mathematics and Physics at the End of Secondary School

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211*

Presenters/Authors: Ebru Erberber, Maria Stephens

Session: Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness

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Monday, May 1 10:35 am – 12:05 pm

Profiles of U.S. Performance in Advanced Mathematics and Physics in an International Context

*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211*

Presenters/Authors: Alka Arora, Teresa Neidorf

Session: Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness
# Measurement and Research Methodology

## Psychometrics, Measurement, and Assessment

**Thursday, April 27**  
4:05 pm – 6:05 pm  

### Multiple Group Cognitive Diagnosis Models and their Applications in Detecting Differential Item Functioning  
**Henry B. Gonzalez Convention Center, Ballroom Level, Room 302 C**  
Presenter/Author: Soo Yoon Lee  
Session: Research on Cognitive Diagnostic Modeling

## NAEP Studies

**Friday, April 28**  
10:35 am – 12:05 pm  

### The Relationship Between Students’ Contextual Factors Related to Technology and Technology and Engineering Literacy Performance  
**Henry B. Gonzalez Convention Center, River Level, Room 7D**  
Presenters/Authors: George Bohrnstedt, Markus Broer, Bitnara Jasmine Park  
Session: Using NAEP Data to Understand What Students in the United States Know and Can Do

**Saturday, April 29**  
8:15 am – 10:15 am  

### Construction and Validation of a New Proxy SES Measure for NAEP Grade 12  
**Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 C**  
Presenters/Authors: George Bohrnstedt, Markus Broer  
Session: The Development and Applications of Alternative Student Socioeconomic Status Measures

### Exploring the Construction of a Proxy SES Index for NAEP Grade 4 Assessments  
**Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 C**  
Presenter/Author: Markus Broer  
Session: The Development and Applications of Alternative Student Socioeconomic Status Measures

**Sunday, April 30**  
4:05 pm – 5:35 pm  

### Discussion and Demonstration of New Digitally Based Assessments for the National Assessment of Educational Progress (NAEP)  
**Henry B. Gonzalez Convention Center, River Level, Room 7D**  
Discussant: George Bohrnstedt
### Online Teaching and Learning

**Sunday, April 30, 8:15 am – 9:45 am**

**Investigating the Relationship Between Students’ Online Engagement and Their Online Course Outcomes**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 3*

- **Presenter/Author:** Peggy Clements  
- **Session:** Students’ Perceptions, Outcomes, Online Engagement, and Satisfaction

### Postsecondary Education

#### College Student Success and Outcomes

**Thursday, April 27, 2:15 pm – 3:45 pm**

**Acceleration Programs in Minnesota: Characteristics and College Pathways of Students Who Participate**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 3*

- **Presenter/Author:** Elisabeth Davis  
- **Session:** Promising Practices That Address Diverse Learning Styles

**Saturday, April 29, 2:45 pm – 4:15 pm**

**First-Generation Students: Factors That Shape Their Pathway to Degree**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*

- **Chair:** Montrischa Monéy Williams

**Sunday, April 30, 4:05 pm – 5:35 pm**

**Preparing Future Principals: Results of an Impact Analysis of Four Innovative Preparation Programs**  
*Henry B. Gonzalez Convention Center, Street Level, Exhibit Hall 4*

- **Presenters/Authors:** Jiashan Cui, Huade Huo, Zoe Padgett, Jijun Zhang  
- **Session:** Persistence and Attainment of Nontraditional Students

### Policy, Finance, and Economics

**Sunday, April 30, 4:05 pm – 5:35 pm**

**Financial Sustainability For Advanced Degree and Certificate Programs**  
*Henry B. Gonzalez Convention Center, Street Level, Exhibit Hall 4*

- **Presenter/Author:** Yael Kidron  
- **Session:** Policy Posters

**Monday, May 1, 12:25 pm – 1:55 pm**

**How Loan Averse Students View Income Share Agreements**  
*Henry B. Gonzalez Convention Center, River Level, Room 6C*

- **Presenters/Authors:** Jessica Mason, Audrey Peek, Matthew Soldner  
- **Session:** Dreams Deferred by Debt: Student Outcomes Federal and State Loan Programs
## Professional Development and Training

### Thursday, April 27
8:00 am – 3:45 pm

**PDC01: Analyzing NAEP Assessment Data Using R**  
*San Antonio Marriott Rivercenter, Third Floor, Grand Ballroom Salon E*
Instructors: Paul Dean Bailey, Ting Zhang  
Session: Professional Development Course

### Thursday, April 27
8:00 am – 3:45 pm

**PDC05: Designing Surveys for Education Research**  
*San Antonio Marriott Rivercenter, Third Floor, Conference Rooms 3 & 4*
Instructors: Mark Masterton, Jeremy Redford, Jill Walston  
Session: Professional Development Course

### Thursday, April 27
8:00 am – 3:45 pm

**PDC06: Hierarchical Linear Modeling With Large-Scale International Databases**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Room 303 C*
Instructors: Sakiko Ikoma, David C. Miller, Bitnara Jasmine Park, Yuan Zhang  
Session: Professional Development Course

### Friday, April 28
8:00 am – 3:45 pm

**PDC12: Advanced Meta-Analysis**  
*San Antonio Marriott Riverwalk, Second Floor, Ballroom Level, Alamo Ballroom Salon D*
Instructor: Ryan Williams  
Session: Professional Development Course

### Sunday, April 30
8:00 am – 12:00 pm

**PDC23: Building Researchers’ Capacity to Partner With Practitioners to Conduct Relevant and Useful Research**  
*San Antonio Marriott Riverwalk, Second Floor, Ballroom Level, Alamo Ballroom Salon A*
Instructor: Shazia Miller  
Session: Professional Development Course

## Religion and Education

### Saturday, April 29
8:15 am – 9:45 am

**Measuring Leadership Practices in Jewish Day Schools**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*
Presenter/Author: Yael Kidron  
Session: Leadership and Citizenship in Religious Schools
# Research, Evaluation, and Assessment in Schools

## Applied Research in Schools

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<td>Peggy Clements</td>
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<td>Jordan Rickles</td>
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<td>Deeper Learning and College Attendance: What Happens After High School?</td>
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<td>Rui Yang</td>
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<td>Deeper Learning and Equitable Outcomes: Is the Impact of Deeper Learning Consistent Across Student Subgroups?</td>
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<td>Helen Duffy, Mette Huberman, Jessica Mason, Jennifer O'Day</td>
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<td>How Large Are the Cumulative Effects of Interim Assessments on Student Achievement?</td>
<td>Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2</td>
<td>Shazia Miller</td>
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### Assessment in Schools

**A Longitudinal Study of Middle School Students’ Creativity**  
*Henry B. Gonzalez Convention Center, Street Level, Exhibit Hall 4*

**Presenter/Author**  Rui Yang  
**Session**  Current Issues in School-Based Assessment

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### Program Evaluation in Schools

**Impacts of Ramp-Up to Readiness™ After One Year of Implementation**  
*Henry B. Gonzalez Convention Center, Street Level, Exhibit Hall 4*

**Presenters/Authors**  Elisabeth Davis, James Lindsay, Amy Proger  
**Session**  Program Evaluation With a Purpose: Creating Equal Opportunities for Learning in Schools

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### Research Focus on Black Education

**Perspectives on the Role of Parent Involvement in Black Education**  
*Grand Hyatt San Antonio, Fourth Floor, Crockett B*

**Chair**  Montrischa Monéy Williams

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### Research Use

**Forming a Professional Learning Community to Overcome Collaborative Research Challenges**  
*Henry B. Gonzalez Convention Center, River Level, Room 7D*

**Presenters/Authors**  Erin Roth, Carrie Lynne Scholz  
**Session**  Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories

**Lessons Learned in Working With Stakeholder Advisors Through Research-Practice Partnerships**  
*Henry B. Gonzalez Convention Center, River Level, Room 7D*

**Presenters/Authors**  Julie Kochanek, James Lindsay  
**Session**  Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories

**Research-Practice Partnerships: Dissemination Lessons From Two Regional Educational Laboratories**  
*Henry B. Gonzalez Convention Center, River Level, Room 7D*

**Presenters/Authors**  Sonica Dhillon, Alicia Garcia, Lisa Shimmel  
**Session**  Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories
Friday, April 28  
2:15 pm – 3:45 pm  
**Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories**  
*Henry B. Gonzalez Convention Center, River Level, Room 7D*  
Chair: Julie Kochanek

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**School Turnaround and Reform**

Friday, April 28  
10:35 am – 12:05 pm  
**Measuring Impact and Understanding Implementation of School Improvement Grants in Massachusetts**  
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 217 B*  
Presenters/Authors: Amelia Auchstetter, Dioni Garcia-Piriz, Alexandra Kistner, Christina LiCalsi, Karen Melchior, Laura Stein  
Session: SIG to ESSA: New Lessons in School Turnaround

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**Second Language Research**

Monday, May 1  
10:35 am – 12:05 pm  
**Teacher and Student Attitudes Toward a Math Intervention for Middle-Grade English Learners: Yes!**  
*Grand Hyatt San Antonio, Third Floor, Bonham E*  
Discussant: Diane August

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**Seminars**

Friday, April 28  
8:00 am – 10:30 am  
**International Session on Societal Challenges and Educational Research—German Institute for International Educational Research**  
*Henry B. Gonzalez Convention Center, River Level, Room 8B*  
Participants: Frank Torres Fonseca, David C. Miller

Monday, May 1  
10:35 am – 6:00 pm  
**AERA-Deeper Learning Fellows Workshop—Day 1: Closed Meeting**  
*Grand Hyatt San Antonio, Third Floor, Bonham B*  
Participants: Michael Garet, Jennifer O’Day, Jordan Rickles, Rui Yang, Kristina Lillian Zeiser
Social and Emotional Learning

Monday, May 1
12:25 pm – 1:55 pm

Moving the Needle on Social and Emotional Learning: Programs and Potential
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*
Chair: Ginger Stoker

Monday, May 1
12:25 pm – 1:55 pm

The Effects of a School-Based Program on Social and Emotional Learning in Elementary Schools
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*
Presenters/Authors: Yael Kidron, David Osher

Social Context of Education

Macro-Analysis of the Social Contexts of Teaching and Learning

Friday, April 28
10:35 am – 12:05 pm

Implementing an Intervention to Transform the Placement of Student Teachers in Spokane Public Schools
*Henry B. Gonzalez Convention Center, Meeting Room Level, Room 221 C*
Presenters/Authors: Dan Goldhaber, Roddy Theobald

Studies of Diversity and Variation With Social Contexts of Education

Monday, May 1
2:15 pm – 3:45 pm

“I Felt Like a Fish Without Water”: First-Year Experiences of Middle College High School Alumni
*Grand Hyatt San Antonio, Second Floor, Lone Star Ballroom Salon F*
Presenter/Author: Montrischa Monéy Williams

Studies of the Multiple Languages and Literacies of Varied Social Contexts

Sunday, April 30
2:15 pm – 3:45 pm

School Infrastructure Changes as Catalysts for Instructional Improvement Among High School Teachers of English Language Learners
*Grand Hyatt San Antonio, Third Floor, Bonham A*
Presenters/Authors: Trisha Borman, Natalya Gnedko-Berry

Special Education Research

Thursday, April 27
4:05 pm – 5:35 pm

**A Confirmatory Factor Analysis of School Engagement for Students With Learning Disabilities or Emotional Disabilities**

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2*

Presenter/Author: Zachary Weingarten

Session: SER SIG: Poster Session

Teaching and Teacher Education

Policy and Research

Thursday, April 27
2:15 pm – 3:45 pm

**Massachusetts Study of Teacher Supply and Demand: Trends and Projections**

*Grand Hyatt San Antonio, Second Floor, Lone Star Ballroom Salon A*

Presenters/Authors: Alex Berg-Jacobson, Jesse Levin

Session: Teacher Shortages, Fact or Fiction? New Perspectives on Tracking Trends in the Teacher Workforce

Thursday, April 27
2:15 pm – 3:45 pm

**Teacher Shortages: How They Are Measured, Framed, and Addressed (or Not)**

*Grand Hyatt San Antonio, Second Floor, Lone Star Ballroom Salon A*

Presenter/Author: Ellen Behrstock-Sherratt

Session: Teacher Shortages, Fact or Fiction? New Perspectives on Tracking Trends in the Teacher Workforce

Test Validity Research and Evaluation

Saturday, April 29
8:15 am – 9:45 am

**Investigating the Student Growth Across Subgroups From 2015 to 2016 in the AzMERIT Statewide Assessment**

*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*

Presenters/Authors: Stephan Ahadi, Myung Hee Im

Session: Examining Construct Irrelevant Factors Impacting Test Score Interpretations in Statewide Assessments
Investigating the Test Mode Difference in Item Characteristics and Student Subgroups in Statewide Assessments

Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1

Presenter/Author: Xiaoxin Elizabeth Wei

Session: Examining Construct Irrelevant Factors Impacting Test Score Interpretations in Statewide Assessments

The Effect of the Time When the Test is Taken on Student Performance in Statewide Assessments

Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1

Presenters/Authors: Stephan Ahadi, Yuan Hong

Session: Examining Construct Irrelevant Factors Impacting Test Score Interpretations in Statewide Assessments

Promoting the Educational Success of Children and Youth Learning English: Promising Futures—An Academies Report

Henry B. Gonzalez Convention Center, 302 A & B

Participant: Diane August
The National Council on Measurement in Education (NCME) is holding its 2017 annual meeting and training sessions at the San Antonio Marriott Rivercenter in San Antonio, TX, April 26–30, in conjunction with AERA's annual meeting. AIR staff members have been selected to give the following presentations at NCME's annual meeting:

**Wednesday, April 26**  
1:00 pm – 5:00 pm

**Analyzing NAEP Data Using Plausible Values and Marginal Estimation With AM**  
*San Antonio Marriott Rivercenter*  
Presenters/Authors: Emmanuel Sikali, Young Yee Kim  
Session: Professional Development Workshop

**Friday, April 28**  
12:25 pm – 1:55 pm

**Psychometric Issues In Multidimensional IRT**  
*San Antonio Marriott Rivercenter*  
Presenters/Authors: Xie Chao, Hyesuk Jang, Ming Lei, Frank Rijmen, Kuo Tzu-Chun  
Session: Coordinated Session

**Friday, April 28**  
2:15 pm – 3:45 pm

**Imputing 12th-Grade NAEP Mathematics Scores for the Full HSLS Sample**  
*San Antonio Marriott Rivercenter*  
Presenters/Authors: George Bohrnstedt, Markus Broer, Burhan Ogut  
Session: Dealing With Missing Data

**Friday, April 28**  
2:15 pm – 3:45 pm

**The Relationship Between Experiences With Technology and Reading Performance**  
*San Antonio Marriott Rivercenter*  
Presenters/Authors: Bitnara Jasmine Park, Young Yee Kim, Jiao Yu  
Session: NAEP in Validity Issues in Test Design

**Sunday, April 30**  
10:35 am – 12:05 pm

**Construct Comparability Between Paper- and Digital-Based Assessments in NAEP Grade 8 Mathematics**  
*San Antonio Marriott Rivercenter*  
Presenters/Authors: Soo Lee, Young Yee Kim, Jiao Yu  
Session: Poster Session

**Sunday, April 30**  
2:15 pm – 3:45 pm

**Constructing Math Motivation Factors and Testing Measurement Invariance**  
*San Antonio Marriott Rivercenter*  
Presenters/Authors: George Bohrnstedt, Markus Broer, Sakiko Ikoma, Burhan Ogut, Bitnara Jasmine Park, Jizhi Zhang  
Session: Structural Equating Modeling