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

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

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

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

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

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

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

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

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 Yun Lee
Session Research on Cognitive Diagnostic Modeling

Friday, April 28

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
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

**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

Friday, April 28
12:25 pm – 1:55 pm

**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
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Title</th>
<th>Location</th>
<th>Presenters/Authors</th>
<th>Session</th>
<th>Chair</th>
<th>Presenters/Authors</th>
<th>Session</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friday, April 28</td>
<td>2:15 pm – 3:45 pm</td>
<td><strong>Does Vocational Still Imply Tracking? Examining the Evolution of Technical Education Curricular Policy in Texas</strong></td>
<td>Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A</td>
<td>Mark Schneider</td>
<td>College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Early Effects of States’ Adoption of College- and Career-Ready Standards on Student Achievement</strong></td>
<td>Henry B. Gonzalez Convention Center, Meeting Room Level, Room 216 A</td>
<td>Michael Garet, Mengli Song, Rui Yang</td>
<td>College and Career Readiness: Evidence on Standards, Vocational Education, and Advanced Placement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Forming a Professional Learning Community to Overcome Collaborative Research Challenges</strong></td>
<td>Henry B. Gonzalez Convention Center, River Level, Room 7D</td>
<td>Erin Roth, Carrie Lynne Scholz</td>
<td>Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Lessons Learned in Working With Stakeholder Advisors Through Research-Practice Partnerships</strong></td>
<td>Henry B. Gonzalez Convention Center, River Level, Room 7D</td>
<td>Julie Kochanek, James Lindsay</td>
<td>Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Perspectives on the Role of Parent Involvement in Black Education</strong></td>
<td>Grand Hyatt San Antonio, Fourth Floor, Crockett B</td>
<td>Montrischa Monéy Williams</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Research-Practice Partnerships: Dissemination Lessons From Two Regional Educational Laboratories</strong></td>
<td>Henry B. Gonzalez Convention Center, River Level, Room 7D</td>
<td>Sonica Dhillon, Alicia Garcia, Lisa Shimmel</td>
<td>Research-Practice Partnerships: Lessons Learned by Two Regional Educational Laboratories</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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*

<table>
<thead>
<tr>
<th>Chair</th>
<th>Julie Kochanek</th>
</tr>
</thead>
</table>

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*

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Allison Gruner Gandhi</th>
</tr>
</thead>
</table>

**Connecting Deeper Learning to High School Graduation**  
*Henry B. Gonzalez Convention Center, River Level, Room 7A*

<table>
<thead>
<tr>
<th>Presenter/Author</th>
<th>Jordan Rickles</th>
</tr>
</thead>
</table>

**Deeper Learning and College Attendance: What Happens After High School?**  
*Henry B. Gonzalez Convention Center, River Level, Room 7A*

<table>
<thead>
<tr>
<th>Presenter/Author</th>
<th>Rui Yang</th>
</tr>
</thead>
</table>

**Deeper Learning and Equitable Outcomes: Is the Impact of Deeper Learning Consistent Across Student Subgroups?**  
*Henry B. Gonzalez Convention Center, River Level, Room 7A*

<table>
<thead>
<tr>
<th>Presenter/Author</th>
<th>Kristina Lillian Zeiser</th>
</tr>
</thead>
</table>

**School Features and Student Opportunities for Deeper Learning: What Makes a Difference?**  
*Henry B. Gonzalez Convention Center, River Level, Room 7A*

<table>
<thead>
<tr>
<th>Presenters/Authors</th>
<th>Helen Duffy, Mette Huberman, Jessica Mason, Jennifer O’Day</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Presenters/Authors</th>
<th>James Lindsay, Yinmei Wan</th>
</tr>
</thead>
</table>

**Session**

- Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes
- Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes
- Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes
- Fostering Deeper Learning in High Schools and Examining Its Effects on Student Outcomes
- Teacher Mobility and Retention
Friday, April 28  
4:05 pm – 6:05 pm  
Prepar ing 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

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

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
8:00 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**

Instructors: Alicia Garcia, Julie Kochanek

Session: Professional Development Course
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
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Title</th>
<th>Location</th>
<th>Presenter/Author</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, Apr 30</td>
<td>12:25 pm – 1:55 pm</td>
<td>Is the Full-Time/Full-Semester Internship a Promising and Replicable Strategy for All Principal Programs to Consider?</td>
<td>Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1</td>
<td>Melissa Brown-Sims</td>
<td>Preparation Program Considerations in Leadership Development</td>
</tr>
<tr>
<td>Sunday, Apr 30</td>
<td>2:15 pm – 3:45 pm</td>
<td>A Longitudinal Study of Middle School Students’ Creativity</td>
<td>Henry B. Gonzalez Convention Center, Street Level, Exhibit Hall 4</td>
<td>Rui Yang</td>
<td>Current Issues in School-Based Assessment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Longitudinal Administrative Data Systems—Developing Guidelines for Producers and Users-Co-Sponsored With World Education Research Association</td>
<td>Henry B. Gonzalez Convention Center, Ballroom Level, Room 305</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Relationships Between Family Risks and Children’s Academic Gains From Kindergarten to Third Grade</td>
<td>Henry B. Gonzalez Convention Center, River Level, Room 7D</td>
<td>Amy Rathbun</td>
<td>Mining Large-Scale Datasets for Different Purposes: National and International Examples</td>
</tr>
<tr>
<td></td>
<td></td>
<td>School Infrastructure Changes as Catalysts for Instructional Improvement Among High School Teachers of English Language Learners</td>
<td>Grand Hyatt San Antonio, Third Floor, Bonham A</td>
<td>Trisha Borman, Natalya Gnedko-Berry</td>
<td>Research to Action: Equity and Opportunity for Immigrant English Learners in High Schools</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Teacher and Student Attitudes Toward a Math Intervention for Middle-Grade English Learners: Yes!</td>
<td>Grand Hyatt San Antonio, Fourth Floor, Crockett A</td>
<td>Diane August, Marian Eaton, Rachel Garrett</td>
<td>Mathematics and Science Classrooms for Bilingual Learners</td>
</tr>
<tr>
<td>Sunday, Apr 30</td>
<td>4:05 pm – 5:35 pm</td>
<td>Discussion and Demonstration of New Digitally Based Assessments for the National Assessment of Educational Progress (NAEP)</td>
<td>Henry B. Gonzalez Convention Center, River Level, Room 7D</td>
<td>George Bohrnstedt</td>
<td></td>
</tr>
</tbody>
</table>
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

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

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
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

---

**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

---

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

---

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

---

**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
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

**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

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
<table>
<thead>
<tr>
<th>Topic</th>
<th>Date</th>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Venue</th>
<th>Presenter(s)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Studies of National Databases</td>
<td>Sunday, April 30</td>
<td>2:15 pm – 3:45 pm</td>
<td>Relationships Between Family Risks and Children’s Academic Gains From Kindergarten to Third Grade</td>
<td>Henry B. Gonzalez Convention Center, River Level, Room 7D</td>
<td>Amy Rathbun</td>
<td>Mining Large-Scale Datasets for Different Purposes: National and International Examples</td>
<td></td>
</tr>
<tr>
<td>Bilingual Education Research</td>
<td>Sunday, April 30</td>
<td>2:15 pm – 3:45 pm</td>
<td>Teacher and Student Attitudes Toward a Math Intervention for Middle-Grade English Learners: Yes!</td>
<td>Grand Hyatt San Antonio, Fourth Floor, Crockett A</td>
<td>Diane August, Marian Eaton, Rachel Garrett</td>
<td>Mathematics and Science Classrooms for Bilingual Learners</td>
<td></td>
</tr>
<tr>
<td>Counseling and Human Development</td>
<td>Counseling</td>
<td>Friday, April 28</td>
<td>Bringing Evidence-Based Academic and Mental Health Practices to Schools</td>
<td>Henry B. Gonzalez Convention Center, Meeting Room Level, Room 214 A</td>
<td>Allison Gruner Gandhi</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data-Driven Decision Making in Education</td>
<td>Sunday, April 30</td>
<td>4:05 pm – 6:05 pm</td>
<td>Data-Driven Decision-Making Instrumentation and Methodology</td>
<td>Grand Hyatt San Antonio, Fourth Floor, Texas Ballroom Salon D</td>
<td>Shazia Miller</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Sunday, April 30</td>
<td>4:05 pm – 6:05 pm</td>
<td>First-Year Impacts of the Early Warning Intervention and Monitoring System</td>
<td>Grand Hyatt San Antonio, Fourth Floor, Texas Ballroom Salon D</td>
<td>Jill Bowden, Ryan Eisner, Ann-Marie Faria, Shandu Foster, Jessica Heppen, Nicholas Sorenson, Suzanne Taylor</td>
<td>Data-Driven Decision-Making Instrumentation and Methodology</td>
<td></td>
</tr>
</tbody>
</table>
## Index of Presentations by Topic

### Monday, May 1
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

### 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

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

---

**Governance, Finance, and Intergovernmental Relations**

Thursday, April 27  
2:15 pm – 3:45 pm  
**Current Issues in International Educational Policy and Politics**  
*Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 1*  
Chair: Janet Gao

---

**Human Capital**

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

---

**Social Policies and Education**

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

---

**Educational Statisticians**

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
### International Studies

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Title</th>
<th>Location</th>
<th>Presenters/Authors</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sunday, April 30</td>
<td>8:15 am – 9:45 am</td>
<td>Native-Immigrant Gaps in Performance and Attitudes Toward Mathematics: Analysis of PISA 2012 Data</td>
<td><em>Henry B. Gonzalez Convention Center, Ballroom Level, Hemisfair Ballroom 2</em></td>
<td>Yuqi Liao, Ceylan Oymak, Yemurai Tsokodayi</td>
<td>Gender Differences</td>
</tr>
<tr>
<td>Monday, May 1</td>
<td>10:35 am – 12:05 pm</td>
<td>Comparing TIMSS Advanced With NAEP Grade 12 Assessments in Mathematics and Science</td>
<td><em>Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211</em></td>
<td>Kim Gattis, Sarah Guile, Teresa Neidorf</td>
<td>Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness</td>
</tr>
<tr>
<td>Monday, May 1</td>
<td>10:35 am – 12:05 pm</td>
<td>International Comparisons of Performance in Advanced Mathematics and Physics at the End of Secondary School</td>
<td><em>Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211</em></td>
<td>Ebru Erberber, Maria Stephens</td>
<td>Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness</td>
</tr>
<tr>
<td>Monday, May 1</td>
<td>10:35 am – 12:05 pm</td>
<td>Profiles of U.S. Performance in Advanced Mathematics and Physics in an International Context</td>
<td><em>Henry B. Gonzalez Convention Center, Meeting Room Level, Room 211</em></td>
<td>Alka Arora, Teresa Neidorf</td>
<td>Using 2015 TIMSS Advanced Mathematics and Physics Results to Explore College and Career Readiness</td>
</tr>
</tbody>
</table>
## 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

---

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

**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
# Index of Presentations by Topic

## 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*  
Instructors: Alicia Garcia, Julie Kochanek  
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

#### Friday, April 28
- **12:25 pm – 1:55 pm**
  - **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
- **4:05 pm – 5:35 pm**
  - **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

#### Friday, April 28
- **4:05 pm – 5:35 pm**
  - **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

#### Friday, April 28
- **4:05 pm – 5:35 pm**
  - **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

#### Friday, April 28
- **4:05 pm – 5:35 pm**
  - **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

#### Monday, May 1
- **10:35 am – 12:05 pm**
  - **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
### 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

**Sunday, April 30**

2:15 pm – 3:45 pm

---

### 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

**Friday, April 28**

12:25 pm – 1:55 pm

---

### 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

**Friday, April 28**

2:15 pm – 3:45 pm

---

### 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

**Friday, April 28**

2:15 pm – 3:45 pm

---

**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

**Friday, April 28**

2:15 pm – 3:45 pm

---

**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
## Index of Presentations by Topic

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

**Chair**
Julie Kochanek

### School Turnaround and Reform

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

### 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

### 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 Lilian 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

**Session**

Crossing Boundaries and Increasing Impact: Lessons from Successful Research-Practice Partnerships

## 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

**Session**

Queering the First Year Experience: Hidden Hindrances to Retaining High Performing Students of Color

## 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

**Session**

Research to Action: Equity and Opportunity for Immigrant English Learners in High Schools
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

---

**AERA SESSIONS**

**Sunday, April 30**

10:35 am – 12:05 pm

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

**Sunday, April 30**

2:15 pm – 3:45 pm

Longitudinal Administrative Data Systems—Developing Guidelines for Producers and Users—Co-Sponsored With World Education Research Association

*Henry B. Gonzalez Convention Center, Ballroom Level, Room 305*

Discussant: Jack Buckley
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**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Presenters/Authors</th>
<th>Session Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 pm – 5:00 pm</td>
<td><strong>Analyzing NAEP Data Using Plausible Values and Marginal Estimation With AM</strong></td>
<td>San Antonio Marriott Rivercenter, Conference Room 1&amp;2, Meeting Room Level</td>
<td>Young Yee Kim, Emmanuel Sikali</td>
<td>Professional Development Workshop</td>
</tr>
</tbody>
</table>

**Friday, April 28**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
<th>Presenters/Authors</th>
<th>Session Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:25 pm – 1:55 pm</td>
<td><strong>Detecting Multidimensional Differential Item Functioning</strong></td>
<td>San Antonio Marriott Rivercenter, Conference Room 3&amp;4, Meeting Room Level</td>
<td>Hyesuk Jang, Ming Lei</td>
<td>Psychometric Issues In Multidimensional IRT</td>
</tr>
<tr>
<td></td>
<td><strong>Developing Scalar Linking Constants in Multidimensional IRT Modeling</strong></td>
<td>San Antonio Marriott Rivercenter, Conference Room 3&amp;4, Meeting Room Level</td>
<td>Ming Lei</td>
<td>Psychometric Issues In Multidimensional IRT</td>
</tr>
<tr>
<td></td>
<td><strong>Explaining Away and Paradoxical Results</strong></td>
<td>San Antonio Marriott Rivercenter, Conference Room 3&amp;4, Meeting Room Level</td>
<td>Frank Rijmen</td>
<td>Psychometric Issues In Multidimensional IRT</td>
</tr>
<tr>
<td></td>
<td><strong>Posterior Predictive Model Checking in Detecting Testlet Clustering Effects</strong></td>
<td>San Antonio Marriott Rivercenter, Conference Room 3&amp;4, Meeting Room Level</td>
<td>Chao Xie</td>
<td>Psychometric Issues In Multidimensional IRT</td>
</tr>
<tr>
<td></td>
<td><strong>Psychometric Issues In Multidimensional IRT</strong></td>
<td>San Antonio Marriott Rivercenter, Conference Room 3&amp;4, Meeting Room Level</td>
<td>Ming Lei</td>
<td>Making Research Relevant</td>
</tr>
<tr>
<td>Date</td>
<td>Time</td>
<td>Session</td>
<td>Topic</td>
<td>Presenters/Authors</td>
</tr>
<tr>
<td>-----------------</td>
<td>-----------------------</td>
<td>-------------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Friday, April 28</td>
<td>2:15 pm – 3:45 pm</td>
<td>Imputing 12th-Grade NAEP Mathematics Scores for the Full HSLS Sample</td>
<td>San Antonio Marriott Rivercenter, Salon D, Meeting Room Level</td>
<td>George Bohrnstedt, Markus Broer, Burhan Ogut</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Dealing With Missing Data</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>The Relationship Between Experiences With Technology and Reading Performance in NAEP</td>
<td>San Antonio Marriott Rivercenter, Salon L, Meeting Room Level</td>
<td>Young Yee Kim, Bitnara Jasmine Park, Jiao Yu</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Validity Issues in Test Design</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Saturday, April 29</td>
<td>10:35 am – 12:05 pm</td>
<td>The Impacts of Psychometric Item Properties on Subscore Reliability in Multidimensional IRT</td>
<td>San Antonio Marriott Rivercenter, Salon K, Meeting Room Level</td>
<td>Yoonjeong Kang</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Multidimensional Estimation of Subscores</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, April 30</td>
<td>10:35 am – 12:05 pm</td>
<td>Construct Comparability Between Paper- and Digital-Based Assessments in NAEP Grade 8 Mathematics</td>
<td>San Antonio Marriott Rivercenter, Salon J, Meeting Room Level</td>
<td>Young Yee Kim, Soo Lee, Jiao Yu</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Electronic Board Session</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sunday, April 30</td>
<td>12:25 pm – 1:55 pm</td>
<td>New Measures of Digital Access, Familiarity, Efficacy, and Engagement for Large-Scale Assessments</td>
<td>San Antonio Marriott Rivercenter, Conference Room 3&amp;4, Meeting Room Level</td>
<td>Sami Kitmitto, Bitnara Jasmine Park</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>The Impacts of Psychometric Item Properties on Subscore Reliability in Multidimensional IRT</strong></td>
<td>San Antonio Marriott Rivercenter, Conference Room 3&amp;4, Meeting Room Level</td>
<td>George Bohrnstedt, Markus Broer, Sakiko Ikoma, Burhan Ogut, Bitnara Jasmine Park, Jizhi Zhang</td>
</tr>
<tr>
<td>Sunday, April 30</td>
<td>2:15 pm – 3:45 pm</td>
<td>Constructing Math Motivation Factors and Testing Measurement Invariance</td>
<td>San Antonio Marriott Rivercenter, Salon D, Meeting Room Level</td>
<td>George Bohrnstedt, Markus Broer, Sakiko Ikoma, Burhan Ogut, Bitnara Jasmine Park, Jizhi Zhang</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Structural Equating Modeling</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>