At the American Educational Research Association (AERA)
2018 Annual Meeting
#AIRatAERA
New York, NY | April 13–17, 2018
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

More than 80 experts are representing AIR during this year’s annual AERA meeting in New York, NY. 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. AIR staff are listed alphabetically.

You’re Invited to Our Reception

Friday, April 13, 2018 | 7:00 pm – 11:00 pm
Brasserie 8½ | 9 West 57th Street | New York, NY 10019
Index of Presentations by Date and Time

Thursday, April 12

Thursday, April 12
9:00 am – 5:00 pm

Analyzing Data From International Large-Scale Assessment Using R
Sheraton New York Times Square, Lower Level, Bowery Room
Instructor Paul Dean Bailey

Data From the Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011) at NCES
Sheraton New York Times Square, Lower Level, Flatiron Room
Instructors Cameron McPhee, Shannon Russell

Introduction to Systematic Review and Meta-Analysis
Sheraton New York Times Square, Lower Level, Union Square
Instructor Joshua Polanin

Multilevel Modeling With Large-Scale International Databases Using the HLM Software Program
Sheraton New York Times Square, Lower Level, Chelsea Room
Instructors Sakiko Ikoma, David Miller, Bitnara Jasmine Park, Yuan Zhang

Friday, April 13

Friday, April 13
8:00 am – 4:00 pm

Advanced Meta-Analysis
Sheraton New York Times Square, Lower Level, Bowery Room
Instructors Joshua Polanin, Ryan Williams

Analyzing NAEP Data Using R
Sheraton New York Times Square, Lower Level, Murray Hill
Instructor Paul Dean Bailey, Ting Zhang

Designing Surveys for Education Research
Sheraton New York Times Square, Lower Level, Sugar Hill Room
Instructors Jeremy Redford, Jill Walston

Friday, April 13
12:00 pm – 1:30 pm

Beyond the Average: Gender Gaps in International Mathematics and Science Achievement Along the Performance Distribution
New York Hilton Midtown, Third Floor, Trianon Ballroom
Presenters/Authors Ebru Erberber, Yemurai Tsokodayi
Session International Research on STEM

Modeling Family’s Decision of Enrollment at Schools of Choice
Crown Plaza Times Square, Times Square B Room
Presenters/Authors Kirk Walters, Rui Yang
Session Perspectives of Stakeholders in School Choice Contexts
### Predicting Dropout for Nontraditional College Students: A Machine Learning Approach

*New York Marriott Marquis, Fourth Floor, Gilbert*

Presenters/Authors: Jiashan Cui, Sarah Hein, Huade Huo, Mark Ossolinski, Zoe Padgett, Jijun Zhang

Session: Student Persistence

### What Factors Predict the Success of Hispanic Students in Postsecondary STEM Majors?

*New York Marriott Marquis, Fourth Floor, Gilbert*

Presenters/Authors: Trisha Borman, Jonathan Margolin

Session: Student Persistence

### Measuring Success: Testing, Grades, and the Future of College Admissions

*New York Marriott Marquis, Seventh Floor, Duffy*

Discussant: Jack Buckley

### The Impact of Transitional Kindergarten in California on Kindergarten Outcomes

*Crown Plaza Times Square, Times Square A Room*

Presenters/Authors: Jennifer Anthony, Iliana Brodziak de los Reyes, Aleksandra Holod, Karen Manship, Burhan Ogut, Heather Quick

Session: Early Childhood Impacts

### International Perspectives on Public School Systems: German Institute for International Educational Research

*Sheraton New York Times Square, Second Floor, Metropolitan East Room*

Participants: David Miller, Yemurai Tsokodayi

### Fireside Chat—What Is Truth in Research: Can Methodologically Strong Research Provide Clarity in a Post-Truth Era?

*Westin New York at Times Square, 8th Floor, Minetta*

Participant: Matthew Clifford

### An Analysis of the Income Share Agreement Policy Process Using the Advocacy Coalition Framework

*New York Marriott Marquis, Fourth Floor, Gilbert*

Presenters/Authors: Jessica Mason, Audrey Peak, Matthew Soldner

Session: Financial Aid and Beyond: New Insights on Information, Design, and Outcomes
**Adding Up the Skills of the U.S. Workforce: Results From PIAAC**  
*New York Marriott Marquis, Fourth Floor, Brecht*

Chair: Saida Mamedova  
Discussant: Jaleh Soroui

**Advising Within the Context of Dual-Credit Education: Opportunities and Challenges**  
*New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 1*

Presenters/Authors: Trey Miller, Courtney Tanenbaum

Session: Two Birds With One Stone? An Examination of the Effectiveness and the Implementation of Dual-Credit Education Programs

**Comparing Student Enrollment and Financial Literacy in Public and Private Schools: Using PISA (Programme for International Student Assessment) 2015 Data**  
*New York Hilton Midtown, Fourth Floor, Harlem Suite*

Presenter/Author: Yuqi Liao

Session: International Work on PISA

**Effects of College and Career Ready Standards on Student Achievement**  
*New York Hilton Midtown, Second Floor, Regent Parlor*

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

Session: College- and Career-Readiness Standards Implementation at the National, State, District, and Classroom Levels

**Feedback on Alignment and Support for Teachers (FAST) Study**  
*New York Hilton Midtown, Second Floor, Regent Parlor*

Presenters/Authors: Michael Garet, Toni Smith

Session: College- and Career-Readiness Standards Implementation at the National, State, District, and Classroom Levels

**Relationships Between Peer Victimization and Children’s Academic Performance in Third Grade**  
*Crown Plaza Times Square, Room 1503*

Presenter/Author: Amy Rathbun

Session: Early Childhood Social-Emotional Issues

**School Inequality in Shanghai’s Secondary Education: Evidence From PISA (Programme for International Student Assessment) 2009 and 2012**  
*New York Hilton Midtown, Fourth Floor, Harlem Suite*

Presenter/Author: Yifan Bai

Session: International Work on PISA
Saturday, April 14
10:35 am – 12:05 pm

**Some Facts and Myths About Service-Sector Workers: Findings From the 2012/2014 Program for the International Assessment of Adult Competencies**  
*New York Marriott Marquis, Fourth Floor, Brecht*  
Presenter/Author: Bitnara Jasmine Park  
Session: Adding Up the Skills of the U.S. Workforce: Results From PIAAC

**The Causal Impact of Dual Credit Programs on College Students' Outcomes: Evidence From Texas**  
*New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 1*  
Presenter/Author: Trey Miller  
Session: Two Birds With One Stone? An Examination of the Effectiveness and the Implementation of Dual-Credit Education Programs

**Two Birds With One Stone? An Examination of the Effectiveness and the Implementation of Dual-Credit Education Programs**  
*New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 1*  
Chair: Kristina Zeiser

**U.S. Young Adult Numeracy Skills Lagging Behind: Results From the Newest Program for the International Assessment of Adult Competencies Release 2012/2014**  
*New York Marriott Marquis, Fourth Floor, Brecht*  
Presenter/Author: Emily Pawlowski  
Session: Adding Up the Skills of the U.S. Workforce: Results From PIAAC

Saturday, April 14
12:25 pm – 1:55 pm

**Factors Influencing Choosing Teaching as a Career: South Korean Preservice Teachers**  
*Sheraton New York Times Square, Second Floor, Empire Ballroom East*  
Presenter/Author: Bitnara Jasmine Park  
Session: International Considerations for Teacher Recruitment and Retention

Saturday, April 14
2:15 pm – 3:45 pm

**Impact of ABCmouse on Summer Slide in Reading and Mathematics for Rising First Graders**  
*Crown Plaza Times Square, Act III-IV Room*  
Presenter/Author: Krystal Bichay  
Session: Early Childhood Math Learning

**Managing Time and Challenges: Charter School Principals Speak Out**  
*Crown Plaza Times Square, Room 501/502*  
Presenter/Author: Zena Rudo  
Session: Charter School Growth and Management Issues
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8:15 am – 9:45 am

**The Accuracy and Complexity of Children’s Responses to Teacher Questions**

*New York Hilton Midtown, Third Floor, Americas Hall 1-2 - Exhibit Hall*

Presenter/Author: Jill Pentimonti

Session: Understanding Instruction, Motivation, and Learning in Literacy

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8:15 am – 10:15 am

**Early Reading Development and NAEP Performance in Grade 4**

*New York Marriott Marquis, Seventh Floor, Chelsea/Gotham Room*

Presenters/Authors: Bitnara Jasmine Park, Yuan Zhang, Xiaying Zheng

Session: Critical Issues in Literacy Research 2

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10:35 am – 12:05 pm

**Decision Making About the Use of Title I Funds**

*The Parker, Third Floor, Tansa 1 Room*

Presenters/Authors: Kerstin Carlson Le Floch, Karen Manship, Courtney Tanenbaum

Session: Results From a National Study of Title I School-Wide and Targeted Assistance Schools

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**Exploring Effective Strategies and Resources for Supporting Teacher Leadership**

*New York Hilton Midtown, Concourse Level, Concourse D Room*

Presenter/Author: Elizabeth Barkowski

Session: From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change

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**Flexibility and Innovation in Title I Schools**

*The Parker, Third Floor, Tansa 1 Room*

Presenter/Author: Steven Hurlburt

Session: Results From a National Study of Title I School-Wide and Targeted Assistance Schools

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**From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change**

*New York Hilton Midtown, Concourse Level, Concourse D Room*

Chair: Lisa Lachlan-Hache

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**Good to Great and Great to Influential: Teacher Leadership From the Perspectives of Exemplary Teachers**

*New York Hilton Midtown, Concourse Level, Concourse D Room*

Presenter/Author: Catherine Jacques

Session: From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change

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**Language Minority Status, Reading Development, and Summer Reading Achievement Loss**

*New York Marriott Marquis, Manhattan Ballroom*

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Session: Longitudinal Studies Roundtable
Sunday, April 15
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**Leading on Leadership: How the New York City Department of Education Implemented a Successful Teacher Leadership Program**

*New York Hilton Midtown, Concourse Level, Concourse D Room*

Presenters/Authors: Jenny DeMonte, Robert Stonehill

Session: From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change

**Results From a National Study of Title I Schoolwide and Targeted Assistance Schools**

*The Parker, Third Floor, Tansa 1 Room*

Chair: Kerstin Carlson Le Floch

**The Use of Funds in Title I Schools**

*The Parker, Third Floor, Tansa 1 Room*

Presenters/Authors: Drew Atchison, Jesse Levin, Karen Manship

Session: Results From a National Study of Title I School-Wide and Targeted Assistance Schools

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Sunday, April 15
2:45 pm – 4:15 pm

**Experiences, Activities, and Personal Characteristics as Predictors of Interest and Engagement in STEM-Focused Summer Programs**

*Millennium Broadway New York Times Square, Seventh Floor, Room 7.04*

Presenter/Author: Neil Naftzger

Session: STEM Interventions for Learning and Motivation

**Measuring Impact and Understanding Implementation of School Improvement Grants in Massachusetts: High School Follow-Up Study**

*Park Central Hotel New York, Broadway*

Presenters/Authors: Alexandra Kistner, Karen Melchior, Laura Stein

Session: The Changing Role of States in Supporting School Turnaround in the Era of the Every Student Succeeds Act

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Monday, April 16
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**How Did It Get This Way? Disentangling Sources of Teacher Quality Gaps Across Two States**

*New York Hilton Midtown, Second Floor, Gibson Suite*

Presenters/Authors: Dan Goldhaber, Roddy Theobald

Session: The Effects of District Human Resource Policies for Schools, Teachers, and Students

**Key Indicators of Education in the United States Compared to Its G-20 Peers: 2017**

*New York Hilton Midtown, Third Floor, Trianon Ballroom*

Presenters/Authors: Frank Fonseca, Yuqi Liao, Maria Stephens, Yemurai Tsokodayi

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Quantitative Synthesis of Single-Case Reading Interventions for Students With and At-Risk of Emotional and Behavioral Disorder
Park Central Hotel New York, Ballroom Level, Ballroom
Presenter/Author Kathleen Pfannenstiel
Session Roundtable Session: Interventions in Special Education

Wage Dispersion, Salary Referents, and Principal Turnover Behavior
Park Central Hotel New York, Ballroom Level, Forum
Presenter/Author Yifan Bai
Session Principal Turnover and Job Satisfaction

Monday, April 16
12:25 pm – 1:55 pm
Can a Teacher Leadership Program Impact Student Academic Outcomes?
New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 2
Presenters/Authors Elizabeth Barkowski, Chad Henry, Feng Liu
Session Studies That Highlight Essential Features of Approaches and Programs for Reducing Achievement Gaps: Lessons From All-Day Kindergarten, Teacher Leadership, Early College, Gifted Education, and Alternative Programs

Examining the Ability of NAEP Mathematics to Predict College Admissions Immediately Out of High School
New York Marriott Marquis, Manhattan Ballroom
Presenters/Authors George Bohrnstedt, Markus Broer, Burhan Ogut
Session Using NAEP Data to Improve Practice and Examine Student Achievement

Relationship Between Students’ Experiences and Technology and Engineering Literacy Performance
New York Marriott Marquis, Manhattan Ballroom
Presenters/Authors Jiayi Li, Ke Wang, Xiaolei Wang
Session Using NAEP Data to Improve Practice and Examine Student Achievement

Monday, April 16
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Latent Analyses With Surveys in Education Research
New York Marriott Marquis, Fourth Floor, O’Neill
Discussant Michael Cohen

New York Hilton Midtown, Second Floor, Gibson Suite
Presenter/Author Jesse Levin
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<td>New York Hilton Midtown, Third Floor, Grand Ballroom Suite-West Ballroom</td>
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**The More Things Change, the More They Stay the Same? Examining the Consistency of Collective Bargaining Provisions Across States and Time**

*New York Hilton Midtown, Third Floor, Rendezvous Trianon*

Presenters/Authors: Dan Goldhaber, Roddy Theobald

Session: The Effects of Teacher Policy Reforms on Collective Bargaining Agreements and Teacher Employment

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Tuesday, April 17
12:25 pm – 1:55 pm

**Assessing the Role of Noncognitive and School Environmental Factors in Students’ Transitions to High School**

*Sheraton New York Times Square, Second Floor, Metropolitan East Room*

Presenter/Author: Ginger Stoker

Session: Cultural Stereotypes, Outcome Disparities, and High Schools

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Tuesday, April 17
2:15 pm – 3:45 pm

**Teacher Mobility in Texas: Trends and Associations With Student, Teacher, And School Characteristics**

*New York Hilton Midtown, Concourse Level, Concourse F Room*

Presenter/Author: Kate Sullivan

Session: Recruitment and Retention for Specific Teacher Populations
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### Administration

#### Leadership

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### Adult Literacy and Adult Education

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### Advanced Studies of National Databases

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# Charters and School Choice

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**Modeling Family’s Decision of Enrollment at Schools of Choice**  
*Crown Plaza Times Square, Times Square B Room*  
Presenters/Authors: Kirk Walters, Rui Yang  
Session: Perspectives of Stakeholders in School Choice Contexts

**Saturday, April 14**  
2:15 pm – 3:45 pm  
**Managing Time and Challenges: Charter School Principals Speak Out**  
*Crown Plaza Times Square, Room 501/502*  
Presenter/Author: Zena Rudo  
Session: Charter School Growth and Management Issues

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# Early Education and Child Development

**Friday, April 13**  
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**The Impact of Transitional Kindergarten in California on Kindergarten Outcomes**  
*Crown Plaza Times Square, Times Square A Room*  
Presenters/Authors: Jennifer Anthony, Iliana Brodziak de los Reyes, Aleksandra Holod, Karen Manship, Burhan Ogut, Heather Quick  
Session: Early Childhood Impacts

**Saturday, April 14**  
10:35 am – 12:05 pm  
**Relationships Between Peer Victimization and Children’s Academic Performance in Third Grade**  
*Crown Plaza Times Square, Room 1503*  
Presenter/Author: Amy Rathbun  
Session: Early Childhood Social-Emotional Issues

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2:15 pm – 3:45 pm  
**Impact of ABCmouse on Summer Slide in Reading and Mathematics for Rising First Graders**  
*Crown Plaza Times Square, Act III-IV Room*  
Presenter/Author: Krystal Bichay  
Session: Early Childhood Math Learning

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# Educational Policies and Politics

**Curriculum and Instructional Practice**

**Saturday, April 14**  
10:35 am – 12:05 pm  
**Effects of College and Career Ready Standards on Student Achievement**  
*New York Hilton Midtown, Second Floor, Regent Parlor*  
Presenters/Authors: Michael Garet, Mengli Song, Rui Yang  
Session: College- and Career-Readiness Standards Implementation at the National, State, District, and Classroom Levels
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Fiscal Issues, Policy, and Education

Sunday, April 15 10:35 am – 12:05 pm  
**Decision Making About the Use of Title I Funds**  
*The Parker, Third Floor, Tansa 1 Room*  
Presenters/Authors: Kerstin Carlson Le Floch, Karen Manship, Courtney Tanenbaum  
Session: Results From a National Study of Title I School-Wide and Targeted Assistance Schools

Sunday, April 15 10:35 am – 12:05 pm  
**Flexibility and Innovation in Title I Schools**  
*The Parker, Third Floor, Tansa 1 Room*  
Presenter/Author: Steven Hurlburt  
Session: Results From a National Study of Title I School-Wide and Targeted Assistance Schools

Sunday, April 15 10:35 am – 12:05 pm  
**Results From a National Study of Title I Schoolwide and Targeted Assistance Schools**  
*The Parker, Third Floor, Tansa 1 Room*  
Chair: Kerstin Carlson Le Floch

Sunday, April 15 10:35 am – 12:05 pm  
**The Use of Funds in Title I Schools**  
*The Parker, Third Floor, Tansa 1 Room*  
Presenters/Authors: Drew Atchison, Jesse Levin, Karen Manship  
Session: Results From a National Study of Title I School-Wide and Targeted Assistance Schools

Graduate Student Council

Saturday, April 14 8:15 am – 9:45 am  
**Fireside Chat—What Is Truth in Research: Can Methodologically Strong Research Provide Clarity in a Post-Truth Era?**  
*Westin New York at Times Square, 8th Floor, Minetta*  
Participant: Matthew Clifford

International Studies

Friday, April 13 12:00 pm – 1:30 pm  
**Beyond the Average: Gender Gaps in International Mathematics and Science Achievement Along the Performance Distribution**  
*New York Hilton Midtown, Third Floor, Trianon Ballroom*  
Presenters/Authors: Ebru Erberber, Yemurai Tsokodai  
Session: International Research on STEM

Saturday, April 14 8:00 am – 12:00 pm  
**International Perspectives on Public School Systems:**  
*German Institute for International Educational Research*  
*Sheraton New York Times Square, Second Floor, Metropolitan East Room*  
Participants: David Miller, Yemurai Tsokodai
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10:35 am – 12:05 pm

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<td>School Inequality in Shanghai’s Secondary Education: Evidence From PISA (Programme for International Student Assessment) 2009 and 2012</td>
<td><strong>School Inequality in Shanghai’s Secondary Education: Evidence From PISA (Programme for International Student Assessment) 2009 and 2012</strong></td>
<td>New York Hilton Midtown, Fourth Floor, Harlem Suite</td>
<td>Yifan Bai</td>
<td>International Work on PISA</td>
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8:15 am – 9:45 am

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### Learning and Instruction

#### Cognitive and Motivational Processes

### Sunday, April 15
2:45 pm – 4:15 pm

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<td>Experiences, Activities, and Personal Characteristics as Predictors of Interest and Engagement in STEM-Focused Summer Programs</td>
<td><strong>Experiences, Activities, and Personal Characteristics as Predictors of Interest and Engagement in STEM-Focused Summer Programs</strong></td>
<td>Millennium Broadway New York Times Square, Seventh Floor, Room 7.04</td>
<td>Neil Naftzger</td>
<td>STEM Interventions for Learning and Motivation</td>
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<td>Knowledge and the MDL: What We Knew, What We Know, and What Remains Unknown (not an AIR project)</td>
<td><strong>Knowledge and the MDL: What We Knew, What We Know, and What Remains Unknown (not an AIR project)</strong></td>
<td>Millennium Broadway New York Times Square, Seventh Floor, Room 7.04</td>
<td>Mengyi Li</td>
<td>The Model of Domain Learning: Understanding the Development of Expertise</td>
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#### Literacy

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<td><strong>Promoting Students’ Multifaceted Literacy Competence Through Quality Talk: A Quasi-Experimental Study (not an AIR project)</strong></td>
<td>New York Hilton Midtown, Third Floor, Americas Hall 1-2 - Exhibit Hall</td>
<td>Mengyi Li</td>
<td>Understanding Instruction, Motivation, and Learning in Literacy</td>
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AIR Presentations at the AERA 2018 Meeting

The Accuracy and Complexity of Children's Responses to Teacher Questions

*New York Hilton Midtown, Third Floor, Americas Hall 1-2 - Exhibit Hall*

Presenter/Author: Jill Pentimonti
Session: Understanding Instruction, Motivation, and Learning in Literacy

Longitudinal Studies

Language Minority Status, Reading Development, and Summer Reading Achievement Loss

*New York Marriott Marquis, Manhattan Ballroom*

Presenters/Authors: Bitnara Jasmine Park, Xiaying Zheng
Session: Longitudinal Studies Roundtable

Measurement and Research Methodology

Using Mixed Models to Investigate Tendency, Process, and Typology in Item Responding

*Westin New York at Times Square, Ninth Floor, Pearl Room*

Discussant: Harold Doran

NAEP Studies

Characteristics of Schools and Teachers of Students With Below Basic Performance

*New York Marriott Marquis, Fourth Floor, O’Neill*

Presenter/Author: Juliet Holmes
Session: In-Depth Analysis of Eighth-Grade Students Performing Below Basic in the National Assessment of Educational Progress

Characteristics of Students With Below Basic Performance

*New York Marriott Marquis, Fourth Floor, O’Neill*

Presenter/Author: Jonathan Phelan
Session: In-Depth Analysis of Eighth-Grade Students Performing Below Basic in the National Assessment of Educational Progress
Sunday, April 15 8:15 am – 9:45 am

**In-Depth Analysis of Eighth-Grade Students Performing Below Basic in the National Assessment of Educational Progress**
*New York Marriott Marquis, Fourth Floor, O’Neill*
Chair: Markus Broer
Discussant: George Bohrnstedt

Sunday, April 15 8:15 am – 9:45 am

**Score and Item Analyses**
*New York Marriott Marquis, Fourth Floor, O’Neill*
Presenter/Author: Sakiko Ikoma

Monday, April 16 12:25 pm – 1:55 pm

**Examining the Ability of NAEP Mathematics to Predict College Admissions Immediately Out of High School**
*New York Marriott Marquis, Manhattan Ballroom*
Presenters/Authors: George Bohrnstedt, Markus Broer, Burhan Ogut
Session: Using NAEP Data to Improve Practice and Examine Student Achievement

Monday, April 16 12:25 pm – 1:55 pm

**Relationship Between Students’ Experiences and Technology and Engineering Literacy Performance**
*New York Marriott Marquis, Manhattan Ballroom*
Presenters/Authors: Jiayi Li, Ke Wang, Xiaolei Wang
Session: Using NAEP Data to Improve Practice and Examine Student Achievement

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**Postsecondary Education**

**College Student Access**

Friday, April 13 4:05 pm – 5:35 pm

**Measuring Success: Testing, Grades, and the Future of College Admissions**
*New York Marriott Marquis, Seventh Floor, Duffy*
Discussant: Jack Buckley

**College Student Success and Outcomes**

Friday, April 13 2:15 pm – 3:45 pm

**Predicting Dropout for Nontraditional College Students: A Machine Learning Approach**
*New York Marriott Marquis, Fourth Floor, Gilbert*
Presenters/Authors: Jiashan Cui, Sarah Hein, Huade Huo, Mark Ossolinski, Zoe Padgett, Jijun Zhang
Session: Student Persistence
Friday, April 13
2:15 pm – 3:45 pm

**What Factors Predict the Success of Hispanic Students in Postsecondary STEM Majors?**
*New York Marriott Marquis, Fourth Floor, Gilbert*

Presenters/Authors: Trisha Borman, Jonathan Margolin

**Session**  Student Persistence

---

Policy, Finance, and Economics

Saturday, April 14
8:15 am – 10:15 am

**An Analysis of the Income Share Agreement Policy Process Using the Advocacy Coalition Framework**
*New York Marriott Marquis, Fourth Floor, Gilbert*

Presenters/Authors: Jessica Mason, Audrey Peak, Matthew Soldner

**Session**  Financial Aid and Beyond: New Insights on Information, Design, and Outcomes

---

Saturday, April 14
10:35 am – 12:05 pm

**Advising Within the Context of Dual-Credit Education: Opportunities and Challenges**
*New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 1*

Presenters/Authors: Trey Miller, Courtney Tanenbaum

**Session**  Two Birds With One Stone? An Examination of the Effectiveness and the Implementation of Dual-Credit Education Programs

---

Saturday, April 14
10:35 am – 12:05 pm

**The Causal Impact of Dual Credit Programs on College Students’ Outcomes: Evidence From Texas**
*New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 1*

Presenter/Author: Trey Miller

**Session**  Two Birds With One Stone? An Examination of the Effectiveness and the Implementation of Dual-Credit Education Programs

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Saturday, April 14
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**Two Birds With One Stone? An Examination of the Effectiveness and the Implementation of Dual-Credit Education Programs**
*New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 1*

Chair: Kristina Zeiser

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Professional Development Courses

Thursday, April 12
9:00 am – 5:00 pm

**Analyzing Data From International Large-Scale Assessment Using R**
*Sheraton New York Times Square, Lower Level, Bowery Room*

Instructor: Paul Dean Bailey

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Thursday, April 12
9:00 am – 5:00 pm

**Data From the Early Childhood Longitudinal Study, Kindergarten Class of 2010–11 (ECLS-K:2011) at NCES**
*Sheraton New York Times Square, Lower Level, Flatiron Room*

Instructors: Cameron McPhee, Shannon Russell
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<td>Introduction to Systematic Review and Meta-Analysis</td>
<td>Sheraton New York Times Square, Lower Level, Union Square</td>
<td>Joshua Polanin</td>
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<td>Thursday, April 12</td>
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<td>Multilevel Modeling With Large-Scale International Databases Using the HLM Software Program</td>
<td>Sheraton New York Times Square, Lower Level, Chelsea Room</td>
<td>Sakiko Ikoma, David Miller, Bitnara Jasmine Park, Yuan Zhang</td>
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<tr>
<td>Friday, April 13</td>
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<td>Advanced Meta-Analysis</td>
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<td>Paul Dean Bailey, Ting Zhang</td>
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<tr>
<td>Friday, April 13</td>
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<td>Designing Surveys for Education Research</td>
<td>Sheraton New York Times Square, Lower Level, Sugar Hill Room</td>
<td>Jeremy Redford, Jill Walston</td>
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Research, Evaluation, and Assessment in Schools

**Applied Research in Schools**

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<td>Increasing Teacher Effectiveness Through the Building Assets, Reducing Risk Model: A Randomized Controlled Trial</td>
<td>New York Marriott Marquis, Fifth Floor, Booth</td>
<td>Trisha Borman, Johannes Bos, Feng Liu, Brenna O’Brien</td>
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**Program Evaluation in Schools**

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Research in Reading and Literacy

Sunday, April 15
8:15 am – 10:15 am

**Early Reading Development and NAEP Performance in Grade 4**
*New York Marriott Marquis, Seventh Floor, Chelsea/Gotham Room*

Presenters/Authors: Bitnara Jasmine Park, Yuan Zhang, Xiaying Zheng

Session: Critical Issues in Literacy Research 2

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School Turnaround and Reform

Sunday, April 15
2:45 pm – 4:15 pm

**Measuring Impact and Understanding Implementation of School Improvement Grants in Massachusetts: High School Follow-Up Study**
*Park Central Hotel New York, Broadway*

Presenters/Authors: Alexandra Kistner, Karen Melchior, Laura Stein

Session: The Changing Role of States in Supporting School Turnaround in the Era of the Every Student Succeeds Act

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Social Context of Education

Studies of Diversity and Variation Within Social Contexts of Education

Monday, April 16
2:15 pm – 3:45 pm

**“Surviving” White Supremacy: Students of Color Realizing Dreams and Imagining Possibilities in Spite of Challenge**
*New York Hilton Midtown, Concourse Level, Concourse F Room*

Presenter/Author: Montrischa Money Williams

Session: Cultural Stereotypes, Outcome Disparities, and High Schools

Tuesday, April 17
12:25 pm – 1:55 am

**Assessing the Role of Noncognitive and School Environmental Factors in Students’ Transitions to High School**
*Sheraton New York Times Square, Second Floor, Metropolitan East Room*

Presenter/Author: Ginger Stoker

Session: Cultural Stereotypes, Outcome Disparities, and High Schools

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Sociology of Education

Tuesday, April 17
8:15 am – 9:45 am

**Maintained and Increasing Inequality in High School Curricular Intensity**
*New York Hilton Midtown, Third Floor, Grand Ballroom Suite-West Ballroom*

Presenter/Author: Megan Austin

Session: Addressing Complex Educational Problems Through Systemic Improvement
**Survey Research in Education**

**Monday, April 16**

2:15 pm – 3:45 pm

**Latent Analyses With Surveys in Education Research**

*New York Marriott Marquis, Fourth Floor, O’Neill*

Discussant: Michael Cohen

**Using Item Response Theory Model in Survey Item Selection and Scaling**

*New York Marriott Marquis, Fourth Floor, O’Neill*

Presenters/Authors: Yang Wang, Cong Ye

Session: Latent Analyses With Surveys in Education Research

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**Systematic Review and Meta-Analysis**

**Monday, April 16**

2:15 pm – 3:45 pm

**The Consequences of School Violence: A Tutorial on Synthesizing Regression Coefficients**

*New York Marriott Marquis, Fifth Floor, Westside Ballroom Salon 4*

Presenter/Author: Joshua Polanin

Session: New Methods for the Meta-Analysis of Regression Coefficients

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**Teaching and Teacher Education**

**Teacher Leadership Within and Beyond the Classroom**

**Sunday, April 15**

10:35 am – 12:05 pm

**Exploring Effective Strategies and Resources for Supporting Teacher Leadership**

*New York Hilton Midtown, Concourse Level, Concourse D Room*

Presenter/Author: Elizabeth Barkowski

Session: From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change

**From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change**

*New York Hilton Midtown, Concourse Level, Concourse D Room*

Chair: Lisa Lachlan-Hache
**Index of Presentations by Topic**

**Good to Great and Great to Influential: Teacher Leadership From the Perspectives of Exemplary Teachers**
*New York Hilton Midtown, Concourse Level, Concourse D Room*

**Presenters/Authors**: Catherine Jacques

**Session**: From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change

**Date and Time**: Sunday, April 15, 10:35 am – 12:05 pm

**Leading on Leadership: How the New York City Department of Education Implemented a Successful Teacher Leadership Program**
*New York Hilton Midtown, Concourse Level, Concourse D Room*

**Presenters/Authors**: Jenny DeMonte, Robert Stonehill

**Session**: From Policy to Practice: Investigating Teacher Leadership as a Lever of Educational Change

**Date and Time**: Sunday, April 15, 10:35 am – 12:05 pm

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**Teacher Recruitment, Induction, Mentoring, and Retention for and From Diverse Communities and Contexts**

**Factors Influencing Choosing Teaching as a Career: South Korean Preservice Teachers**
*Sheraton New York Times Square, Second Floor, Empire Ballroom East*

**Presenters/Authors**: Bitnara Jasmine Park

**Session**: International Considerations for Teacher Recruitment and Retention

**Date and Time**: Saturday, April 14, 12:25 pm – 1:55 pm

**Teacher Mobility in Texas: Trends and Associations With Student, Teacher, And School Characteristics**
*New York Hilton Midtown, Concourse Level, Concourse F Room*

**Presenters/Authors**: Kate Sullivan

**Session**: Recruitment and Retention for Specific Teacher Populations

**Date and Time**: Tuesday, April 17, 2:15 pm – 3:45 pm
The National Council on Measurement in Education (NCME) is holding its 2018 annual meeting and training sessions on April 12–16 in New York City:

- April 12: Pre-Conference Training Sessions at the New York Hilton Midtown and the Westin at Times Square
- April 13: Pre-Conference Training Sessions at the Westin at Times Square
- April 14–16: NCME Meeting at the Westin at Times Square

In conjunction with AERA’s annual meeting, AIR staff members have been selected to give the following presentations at NCME’s annual meeting:

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<td>Analyzing NAEP Data Using Plausible Values and Marginal Estimation With AM</td>
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<td>Young Yee Kim</td>
<td>Workshop</td>
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<td>Saturday, April 14</td>
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<td>The Impact of Missing Contextual Questionnaire Data on Plausible Value Generation</td>
<td>Westin New York at Times Square, Third Floor, Belasco</td>
<td>Markus Broer, Young Yee Kim, Xiaying Zheng</td>
<td>Something’s Missing: Working With Incomplete Data</td>
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<td>Saturday, April 14</td>
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<td>Evaluating Construct Comparability Between Paper-and Digital-Based Assessments With MIRT Application</td>
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<td>Young Yee Kim, Soo Lee</td>
<td>Electronic Board Session 2</td>
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<td>Saturday, April 14</td>
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<td>Analysis of Cognitive Interview and Writing Score Data</td>
<td>Westin New York at Times Square, Third Floor, Broadway 3</td>
<td>Fran Stancavage</td>
<td>Towards Understanding the Facilitators and Inhibitors in Writing Tasks Containing Multimedia-Enhanced Stimuli</td>
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<tr>
<td>Saturday, April 14</td>
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<td>Towards Understanding the Facilitators and Inhibitors in Writing Tasks Containing Multimedia-Enhanced Stimuli</td>
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<td>Exploring the Relations Between Students’ Time Management Strategies and Test Performance</td>
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<td>Fusun Sahin</td>
<td>Students’ Use of Response Time, Testing Behavior, and Performance in Digitally-Based Assessments</td>
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<tr>
<td>Sunday, Apr 15</td>
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<td><strong>Identifying Rapid-Guesser Using Growth Mixture Models</strong></td>
<td>Westin New York at Times Square, Fifth Floor, Majestic 1</td>
<td>Young Yee Kim, Xiaying Zheng</td>
<td>Students’ Use of Response Time, Testing Behavior, and Performance in Digitally-Based Assessments</td>
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<td>Sunday, Apr 15</td>
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<td><strong>The Extended Time Accommodation (ETA) and Performance of Students With ETA</strong></td>
<td>Westin New York at Times Square, Fifth Floor, Majestic 1</td>
<td>Ruhan Circi, Young Yee Kim</td>
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<td><strong>Mapping State Proficiency Standards Onto the NAEP Scales</strong></td>
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<td>Victor Bandeira de Mello</td>
<td>Mapping State Proficiency Standards to the NAEP Scale: New Methods, New Results</td>
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<td><strong>Using Timing Data to Evaluate Differential Warm Up Effects in NAEP</strong></td>
<td>Westin New York at Times Square, Ninth Floor, Plymouth</td>
<td>Markus Broer, Ruhan Circi, Young Yee Kim</td>
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<td><strong>Assessing Dimensionality when Data are Missing Not at Random</strong></td>
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<td>Mahmut Gundogdu, Hyesuk Jang, Tzu-Chun Kuo, Ming Lei</td>
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<td><strong>Comparing Pairwise Chained Linking and Multi-Year Concurrent Calibration Linking in NAEP</strong></td>
<td>Westin New York at Times Square, Second Floor, Ambassador 2</td>
<td>Markus Broer, Young Yee Kim, Xiaying Zheng</td>
<td>Students’ Use of Response Time, Testing Behavior, and Performance in Digitally-Based Assessments</td>
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<tr>
<td>Monday, Apr 16</td>
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<td><strong>The Sensitivity of Test-Based School Growth Metrics to Transformation of Scale</strong></td>
<td>Westin New York at Times Square, Second Floor, Ambassador 3</td>
<td>Darrick Yee</td>
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<td>Monday, Apr 16</td>
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<td><strong>An Item Response Theory Model for the Next Generation of Science Standards Assessments</strong></td>
<td>Westin New York at Times Square, Second Floor, Ambassador 3</td>
<td>Tao Jiang, Frank Rijmen</td>
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