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American Institutes for Research at the American Educational Research Association Annual Meeting (Virtual) | APRIL 8–12, 2021

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Established in 1946, the American Institutes for Research® (AIR®) is a nonpartisan, not-for-profit organization that conducts behavioral and social science research and delivers technical assistance both domestically and internationally in the areas of education, health and the workforce. AIR's work is driven by its mission to generate and use rigorous evidence that contributes to a better, more equitable world. With headquarters in Arlington, Virginia, AIR has offices across the U.S. and abroad. The AIR family of organizations includes IMPAQ, Maher & Maher, and Kimetrica. For more information, visit **air.org**.

To learn more about career opportunities at AIR, visit **air.org/careers**. For general information, email **airinquiry@air.org**.

Meet Us Virtually at AERA

Nearly 60 experts are representing AIR during this year's annual AERA meeting, which is being held virtually. This booklet identifies the sessions during which AIR experts are presenting.

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.

ABOUTTHIS BOOKLET

For your convenience, this booklet is organized in three sections:

- Index of presentations by date and time
- Index of presentations by topic
- Index of professional development courses*

AIR staff are listed alphabetically.

*AERA is hosting professional development courses on April 13–16, after the annual meeting. See index for specific dates and times of courses involving AIR staff.

Index of Presentations by Date and Time

Thursday, April 8

Thursday, April 8 1:00 pm – 2:00 pm		Evidence Gap Maps in Education Research: ication and Update From a Systematic Review rograms
	Presenters/Authors	Megan Austin, Joshua Polanin
	Session	Advancing Methods for Meta-Analysis in Education Research
Thursday, April 8	Special Education	on Reduces Odds of School Discipline Among
2:00 pm – 3:00 pm	Students With D	<u>isabilities</u>
	Presenter/Author	Emma Cohen
	Session	Focus on Behavior: Interventions, Connections, and Outcomes
Thursday, April 8	Language Use a	nd Professional Development in Early Learning
3:00 pm – 4:00 pm		g Dual Language Learners
	Presenters/Authors	Jennifer Anthony, Iliana Brodziak de los Reyes, Maryan Carbuccia-Abbott, Karen Manship, Heather Quick, Lisa Jean White
	Session	Professional Learning Approaches to Working With Young Children
Thursday, April 8 4:00 pm – 5:00 pm	<u>The Relationship Between Information and Communication</u> <u>Technology Use and Student Resilience in PISA 2018</u>	
	Presenter/Author	Thanh Mai
	Session	Utilizing Large Databases to Explore Teacher and Student Well-Being
Thursday, April 8 5:00 pm – 6:00 pm	Historically Bla Advancing STEN	ck Colleges and Universities as Resource to <u>1 Diversity</u>
	Presenters/Authors	Jennifer Hudson, Mahlet Megra
	Session	Do You Really Care? Learning Environments That Shape Student Outcomes

Friday, April 9

Friday, April 9 10:40 am – 12:10 pm

Friday, April 9

12:20 pm – 1:20 pm

Development of an Innovation Configuration Map for Culturally Responsive and Whole-School Restorative Practices

Presenter/Author	Sarah Caverly
Session	Using Innovation Configuration Maps to Assess Extent of Implementation of Amorphous Initiatives and Innovation Bundles

What Works for Whom? Bias and Discrimination in Establishing an Equitable Evidence Base in Education Research

Presenters/Authors	Lisa Lachlan-Hache, Etai Mizrav
Session	Measurement, Implementation, and Evaluation Across the K–12 Educator Pipeline

<u>Spanish-English Kindergarten Students' Expressed Feelings,</u> <u>Coping Strategies, and Observable Interactions of Social and</u> <u>Behavioral Events</u>

Presenter/Author	Alejandra Martin
Session	Examination of Social Emotional Learning With Children

Friday, April 9Effects of Attending a Deeper Learning Network High School on4:10 pm - 5:10 pmCivic Engagement and Workforce Outcomes

Presenter/Author	Elaine Yang
Session	Deeper Learning in High Schools: Longer-Term Effects on Students' College, Civic Engagement, and Workforce Outcomes

Effects of Attending a Deeper Learning Network High School on College Experiences and Degree Attainment

Presenter/Author	Kristina Lillian Zeiser
Session	Deeper Learning in High Schools: Longer-Term Effects on Students' College, Civic Engagement, and Workforce Outcomes

Examining Relationships Between Deeper Learning Opportunities and Competencies in High School and College Outcomes

Presenter/Author	Catherine Sousa Bitter
Session	Deeper Learning in High Schools: Longer-Term Effects on Students' College, Civic Engagement, and Workforce Outcomes

Examining Relationships Between Deeper Learning Opportunities and Competencies in High School and Later Civic Engagement

Presenter/Author	George Atupem
Session	Deeper Learning in High Schools: Longer-Term Effects on Students' College, Civic Engagement, and Workforce Outcomes

Friday, April 9 6:15 pm – 8:15 pm	Advanced Studi	Advanced Studies of National Databases: SIG Business Meeting		
	Chair	Amy Rathbun		
Saturday, Apr	il 10			
Saturday, April 10	College Enrollm	nent Benchmarks for the Grade 12 NAEP		
9:30 am – 10:30 am	Mathematics As	Mathematics Assessment		
	Presenters/Authors	George Bohrnstedt, Markus Broer, Burhan Ogut		
	Session	Correlations Between NAEP Achievement and Other Outcomes		
		Declining Reading Culture? Analysis of NAEP 2017–2019 Results on Reading Habits and Attitudes		
	Presenters/Authors	Yifan Bai, Samuel Correa, Martin Hooper		
	Session	Correlations Between NAEP Achievement and Other Outcomes		
Saturday, April 10 2:30 pm – 4:00 pm		Fireside Chat. Stories of Collaboration, Justice, and Joy: Using the Academy to Advance Community Desires		
	Chair	Sarah Mae Olivar		
Saturday, April 10 4:10 pm – 5:40 pm		Feedback for Teaching Candidates From Mentor Teachers and University Supervisors		
	Presenters/Authors	James Cowan, Dan Goldhaber		
	Session	Preservice Courses, Student Teaching Experiences, and Beginning Teacher Outcomes		
		<u>Measures, Data, and Counterfactuals: Approaches to Improving</u> Research in Career and Technical Education		
	Chair	Katherine Hughes		
	<u>Understanding</u> Improve Them	the Digital Skills of Adults and How to		
	Chair	Jaleh Soroui		
	Discussant	Bitnara Jasmine Park		
	Who Has Digita	Who Has Digital Literacy Skills?		
	Presenter/Author	Emily Pawlowski		
	Session	Understanding the Digital Skills of Adults and How to Improve Them		

Sunday, April 11

Sunday, April 11	Replicating an I	ntervention Designed to Mitigate Academic and	
10:40 am – 11:40 am	Social Adversity for Transitioning Middle School Students		
	Presenters/Authors	Trisha Borman, Scott Houghton, Alejandra Martin, So Jung Park, Bo Zhu	
	Session	Motivation, Reading, and Writing	
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	Presenter/Author	Sakiko Ikoma	
	Session	Investigating Academic Resilience Using Data From the 2017 NAEP	
Examining the School Characteristics of Different National School Lunch Program-Eligible Schools			
	Presenter/Author	Juanita Hicks	
	Session	Investigating Academic Resilience Using Data From the 2017 NAEP	
	Investigating A 2017 NAEP	cademic Resilience Using Data From the	
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	Presenter/Author	Alison Filbey	
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Sunday, April 11 2:30 pm – 4:00 pm	Designing and l Leadership Prof	<u>Measuring Improvement Science</u> iciency	
	Presenter/Author	Sarah Mae Olivar	
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		eses of Cognitive, Social, and Behavioral Practices Across Learning Contexts	
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6:15 pm – 8:15 pm	Participant	Joshua Polanin	

Chair

Monday, April 12

Monday, April 12 9:30 am – 11:00 am

Final Results of the National Randomized Trial of Descubriendo la Lectura: Impacts, Implementation, and Costs

Patricia Garcia-Arena

Implementation Fidelity of Descubriendo La Lectura: An Examination of Program Infrastructure and Instructional Delivery

Presenters/Authors	Trisha Borman, Scott Houghton, Alejandra Martin, Bo Zhu
Session	Final Results of the National Randomized Trial of Descubriendo la Lectura: Impacts, Implementation, and Costs

Implementing an Intensive Tutoring Program for Spanish-Speaking English Learners: How Cost Effective Is Descubriendo La Lectura?

Presenters/Authors	Ethan Adelman-Sil, Trisha Borman, Maryan Carbuccia-Abbott, Iliana Brodziak de los Reyes, Scott Houghton, Alejandra Martin, Bo Zhu
Session	Final Results of the National Randomized Trial of Descubriendo la Lectura: Impacts, Implementation, and Costs

<u>The Spanish- and English-Language Literacy Impacts of</u> <u>Descubriendo La Lectura Across Three Cohorts</u>

Presenters/Authors	Trisha Borman, Scott Houghton, Alejandra Martin, So Jung Park, Bo Zhu
Session	Final Results of the National Randomized Trial of Descubriendo la Lectura: Impacts, Implementation, and Costs
Impact of High S	chool Coursework on Postsecondary Enrolln

Monday, April 12	
11:10 am – 12:10 pm	
Monday, April 12	
11:10 am – 12:40 pm	

Impact of High S	chool Coursework on Postsecondary Enrollment	
Presenters/Authors	Devin Dizdari, Burhan Ogut, Charles Scott, Darrick Yee	
Session	Quantitative Methods and College Access	
An Online Learning Approach to High School Credit Recovery:		

Initial Outcomes and Implementation Costs

Presenters/Authors	Drew Atchison, Iliana Brodziak de los Reyes, Peggy Clements, Jessica Heppen, Jordan Rickles
Session	Equity, Implementation, and Outcomes in Online Instruction for Credit Recovery in High Schools

Monday, April 12 11:10 am – 12:40 pm

Perseverance, Self-Discipline, Confidence in Reading, and Their Relationships With Middle School Students' Reading Performance

Presenters/Authors	Juliet Holmes, Grace Ji, Bitnara Jasmine Park
Session	Using NAEP Data to Investigate Affective Factors in Middle School Students' Academic Achievement

(Re)Considering How States and Districts Allocate Funding for Students With Disabilities

Presenter/Author	Jesse Levin
Session	(Re)Considering Special Education Resources, Funding, and Outcomes: Setting an Agenda for Research and Policy

(Re)Considering Special Education Resources, Funding, and Outcomes: Setting an Agenda for Research and Policy

Discussant Jenifer Harr-Robins

Relationship Between Students' Affective and Mathematics Motivation Factors and Mathematics Achievement

Presenters/Authors	Samuel Correa, Grace Ji, Bitnara Jasmine Park
Session	Using NAEP Data to Investigate Affective Factors in
	Middle School Students' Academic Achievement

<u>Using Cost Function Analysis in Studies of Special</u> <u>Education Costs</u>

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		Outcomes: Setting an Agenda for Research and Policy
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	Presenters/Authors	Devin Dizdari, Burhan Ogut, Darrick Yee
	Session	Intense Challenges and Opportunities in Curriculum Policy
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	Presenter/Author	Jill Bowdon
	Session	Understanding and Supporting Collaborative Research: Frameworks and Measures to Support Learning for

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	Presenter/Author	Sarah Mae Olivar
	Session	Evaluating and Developing Effective School Leaders

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Saturday, April 10 4:10 pm – 5:40 pm	<u>Understanding the Digital Skills of Adults and How to</u> Improve Them		
	Chair	Jaleh Soroui	
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Saturday, April 10 4:10 pm – 5:40 pm	Who Has Digital Literacy Skills?		
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	Session	Understanding the Digital Skills of Adults and How to Improve Them	

Advanced Studies of National Databases

Thursday, April 8 4:00 pm – 5:00 pm	The Relationship Between Information and Communication Technology Use and Student Resilience in PISA 2018	
	Presenter/Author	Thanh Mai
	Session	Utilizing Large Databases to Explore Teacher and Student Well-Being
Friday, April 9	Advanced Studies of National Databases: SIG Business Meeting	
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Career and Technical Education

Saturday, April 10	Measures, Data, and Counterfactuals: Approaches to Improving
4:10 pm – 5:40 pm	Research in Career and Technical Education

Chair

Katherine Hughes

Early Education and Child Development

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Language Use and Professional Development in Early Learning Programs Serving Dual Language Learners

Presenters/AuthorsJennifer Anthony, Iliana Brodziak de los Reyes,
Maryan Carbuccia-Abbott, Karen Manship,
Heather Quick, Lisa Jean WhiteSessionProfessional Learning Approaches to Working With
Young Children

Education Policies and Politics

Curriculum and Instruction

Monday, April 12 2:50 pm – 3:50 pm	and Postseconda	onstructed: High School Curriculum Intensity ary Outcomes
	Presenters/Authors	Devin Dizdari, Burhan Ogut, Darrick Yee
	Session	Intense Challenges and Opportunities in Curriculum Policy

Human Capital and School Finance

Saturday, April 10 4:10 pm – 5:40 pm	Feedback for Tea University Super	aching Candidates From Mentor Teachers and rvisors
	Presenters/Authors	James Cowan, Dan Goldhaber
	Session	Preservice Courses, Student Teaching Experiences, and Beginning Teacher Outcomes

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Monday, April 12 11:10 am – 12:40 pm	(Re)Considering How States and Districts Allocate Funding for Students With Disabilities		
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Discussant Jenifer Harr-Robins

Monday, April 12 11:10 am – 12:40 pm

<u>Using Cost Function Analysis in Studies of Special</u> <u>Education Costs</u>

Jesse Levin

Presenter/Author

Session

(Re)Considering Special Education Resources, Funding, and Outcomes: Setting an Agenda for Research and Policy

Learning and Instruction

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	Presenters/Authors	Trisha Borman, Scott Houghton, Alejandra Martin, So Jung Park, Bo Zhu
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Monday, April 12 11:10 am – 12:40 pm	An Online Learning Approach to High School Credit Recovery: Initial Outcomes and Implementation Costs	
	Presenters/Authors	Drew Atchison, Iliana Brodziak de los Reyes, Peggy Clements, Jessica Heppen, Jordan Rickles
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Monday, April 12 11:10 am – 12:40 pm	<u>Perseverance, Self-Discipline, Confidence in Reading, and Their Relationships With Middle School Students'</u> <u>Reading Performance</u>		
	Presenters/Authors	Juliet Holmes, Grace Ji, Bitnara Jasmine Park	
	Session	Using NAEP Data to Investigate Affective Factors in Middle School Students' Academic Achievement	
Monday, April 12 11:10 am – 12:40 pm	Relationship Between Students' Affective and Mathematics Motivation Factors and Mathematics Achievement		
	Presenters/Authors	Samuel Correa, Grace Ji, Bitnara Jasmine Park	
	Session	Using NAEP Data to Investigate Affective Factors in Middle School Students' Academic Achievement	

NAEP Studies Saturday, April 10 **College Enrollment Benchmarks for the Grade 12 NAEP** 9:30 am - 10:30 am **Mathematics Assessment** Presenters/Authors George Bohrnstedt, Markus Broer, Burhan Ogut Session Correlations Between NAEP Achievement and Other Outcomes Saturday, April 10 Declining Reading Culture? Analysis of NAEP 2017–2019 Results 9:30 am - 10:30 am on Reading Habits and Attitudes Presenters/Authors Yifan Bai, Samuel Correa, Martin Hooper Correlations Between NAEP Achievement and Session Other Outcomes Sunday, April 11 Characteristics of High-Performing Students Who Are Eligible 10:40 am – 12:10 pm for the National School Lunch Program Presenter/Author Sakiko Ikoma Session Investigating Academic Resilience Using Data From the 2017 NAEP Sunday, April 11 Examining the School Characteristics of Different National 10:40 am - 12:10 pm School Lunch Program-Eligible Schools Presenter/Author Juanita Hicks Session Investigating Academic Resilience Using Data From the 2017 NAEP Sunday, April 11 Investigating Academic Resilience Using Data From the 10:40 am – 12:10 pm 2017 NAEP Chair Markus Broer Sunday, April 11 State Comparison of High-Achieving Students in High-10:40 am - 12:10 pm **Poverty Schools** Presenter/Author Alison Filbey Investigating Academic Resilience Using Data From Session the 2017 NAEP

Postsecondary Education

College Student Access

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	Session	Quantitative Methods and College Access

Research, Evaluation, and Assessment in Schools

Applied Research in Schools

Friday, April 9 10:40 am – 12:10 pm		Development of an Innovation Configuration Map for Culturally Responsive and Whole-School Restorative Practices		
	Presenter/Author	Sarah Caverly		
	Session	Using Innovation Configuration Maps to Assess Extent of Implementation of Amorphous Initiatives and Innovation Bundles		
Friday, April 9 4:10 pm – 5:10 pm	Effects of Attending a Deeper Learning Network High School of Civic Engagement and Workforce Outcomes			
	Presenter/Author	Elaine Yang		
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Friday, April 9		ding a Deeper Learning Network High School on		
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	Presenter/Author	Kristina Lillian Zeiser		
	Session	Deeper Learning in High Schools: Longer-Term Effects on Students' College, Civic Engagement, and Workforce Outcomes		
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	Presenter/Author	George Atupem		
	Session	Deeper Learning in High Schools: Longer-Term Effects on Students' College, Civic Engagement, and Workforce Outcomes		
Monday, April 12 2:50 pm – 4:20 pm		<u>Building Networked Improvement Community Capabilities</u> Through Analytic Partnership		
	Presenter/Author	Jill Bowdon		
	Session	Understanding and Supporting Collaborative Research: Frameworks and Measures to Support Learning for Research and Practice		

Program Evaluation in Schools

Friday, April 9		Whom? Bias and Discrimination in Establishing
10:40 am – 12:10 pm	<u>an Equitable Evi</u>	<u>dence Base in Education Research</u>
	Presenters/Authors	Lisa Lachlan-Hache, Etai Mizrav
	Session	Measurement, Implementation, and Evaluation Across the K–12 Educator Pipeline
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	Chair	Patricia Garcia-Arena
Monday, April 12		Fidelity of Descubriendo La Lectura:
9:30 am – 11:00 am		of Program Infrastructure and
	Instructional De	livery
	Presenters/Authors	Trisha Borman, Scott Houghton, Alejandra Martin, Bo Zhu
	Session	Final Results of the National Randomized Trial of Descubriendo la Lectura: Impacts, Implementation, and Costs
Monday, April 12 9:30 am – 11:00 am	Speaking Englis	n Intensive Tutoring Program for Spanish- sh Learners: How Cost Effective Is
	Descubriendo La	<u>a Lectura?</u>
	Presenters/Authors	Ethan Adelman-Sil, Trisha Borman, Maryan Carbuccia-Abbott, Iliana Brodziak de los Reyes, Scott Houghton, Alejandra Martin, Bo Zhu
	Session	Final Results of the National Randomized Trial of Descubriendo la Lectura: Impacts, Implementation, and Costs
Monday, April 12	<u>The Spanish- ar</u>	nd English-Language Literacy Impacts of
9:30 am – 11:00 am	Descubriendo La	a <u>Lectura Across Three Cohorts</u>
	Presenters/Authors	Trisha Borman, Scott Houghton, Alejandra Martin, So Jung Park, Bo Zhu
	Session	Final Results of the National Randomized Trial of Descubriendo la Lectura: Impacts, Implementation, and Costs

Research Focus on Black Education

Thursday, April 8 5:00 pm – 6:00 pm	Historically Bla Advancing STEN	<u>ck Colleges and Universities as Resource to</u> <u>A Diversity</u>
	Presenters/Authors	Jennifer Hudson, Mahlet Megra
	Session	Do You Really Care? Learning Environments That Shape Student Outcomes

Social and Emotional Learning

Friday, April 9 12:20 pm – 1:20 pm Spanish-English Kindergarten Students' Expressed Feelings, Coping Strategies, and Observable Interactions of Social and Behavioral Events

 Presenter/Author
 Alejandra Martin

 Session
 Examination of Social Emotional Learning With Children

Social Context of Education

Graduate Student Council

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	Chair	Sarah Mae Olivar

Special and Inclusive Education Research

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2:00 pm – 3:00 pm	

<u>Special Education Reduces Odds of School Discipline Among</u> <u>Students With Disabilities</u>

Presenter/Author	Emma Cohen
	Focus on Behavior: Interventions, Connections, and Outcomes

Systematic Review and Meta-Analysis

Thursday, April 8 1:00 pm – 2:00 pm	The Potential of Evidence Gap Maps in Education Research: A Practical Application and Update From a Systematic Review of College Aid Programs		
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Wednesday, April 14

Wednesday, April 14 1:00 pm - 5:00 pm

Advanced Meta-Analysis Instructor

Ryan Williams

Thursday, April 15

Thursday, April 15 1:00 pm - 5:00 pm

Multilevel Modeling With International Large-Scale Assessment Databases Using the HLM Software Program

Instructors

Sakiko Ikoma, Bitnara Jasmine Park, Amy Rathbun, Yuan Zhang

* Professional development courses are conducted after the annual meeting. Please visit the AERA website for information about registration and fees.



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