

**National Center for Education Research (NCER)
Research Grant Presentations**

**American Educational Research Association (AERA) 2013 Annual Meeting
April 27-May 2, San Francisco, CA**

April 27, 2013

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

Specialized STEM High School Programs: What Makes Them Special Session
Science and Literacy and Inquiry
Colby Tofel-Grehl and Carolyn Callahan

April 27, 12:00 pm – 1:30 pm

Evaluating the Impact of Different Persistence and Measurement Model Assumptions on Value-Added Teacher Estimates
Division D Section 2 Poster Session
Leslie H. Shaw

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

Students' Decisions to Stop Out of College: The Role of Family Background and Financial Challenges in Emerging Adulthood
Oded Gurantz

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

Identifying Cross-Disciplinary Academic Language Skills Throughout the Middle School Years
Defining Cross-Discipline Academic Language and Exploring Its Effect on Academic Literacy Across Contexts and Grades
Paola Uccelli

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

Modeling the Relationship Between Lexical, Grammatical, and Discourse Structure Knowledge and Academic Writing Proficiency for Middle-Grade Writers
Defining Cross-Discipline Academic Language and Exploring Its Effect on Academic Literacy Across Contexts and Grades
Emily Phillips Galloway

April 27, 1:00 pm -5:00 pm

An Introduction to the Measurement and Analysis of Video Game Interaction Data (NCME)
NCME
Greg Chung, Rebecca Buschang, Deirdre Kerr, Danny Parks,

April 27, 2:15pm - 3:45pm

Building/Room: Parc 55 / Cyril Magnin Foyer

Measuring Social Reading Motivation in Adolescents

Motivation and Achievement, Division C - Learning and Instruction / Section 2a: Cognitive and Motivational Processes

Marcia H. Davis, Stephen M. Tonks, Michael F. Hock, Neal M. Kingston, Gail C. Tiemann, Wenhao Wang

April 27, 2:15pm - 3:45pm

Sir Francis Drake / Empire

Developing a Diagnostic Assessment of Foundational Fractions Concepts: What Data Should Be Reported to Teachers?

Factors Affecting Teacher Use of Data for Formative Assessment

Maria Mendiburo

April 27, 2:15pm-3:45pm

Understanding Multiple Measures: Results and Feedback from the Albuquerque Public Schools Teacher Evaluation and Compensation Pilot

Understanding Teacher Working Conditions Division L – Educational Policy and Politics/Section 6: Teacher Policy and Human Resources Policy

Sade Bonilla

April 27, 2:15pm – 3:45 pm

Building/Room: Hilton Union Square, Lobby Level - Golden Gate 8

What Effective Principals Do: Longitudinal Evidence from School Leader Observations

Leading for Teacher Learning: Capacity Building in Schools

Jason Grissom, Susanna Loeb

April 27, 2:15pm-3:45pm

The Effect of High-Stakes Accountability Tests on Children's Socio-Emotional Outcomes

High-Stakes Testing and Accountability: Responses and Effects Division L – Educational Policy and Politics/Section 5: Accountability

Camille Whitney

April 27, 2:15 pm-3:45pm

Evaluation of a Behavioral Health Screening Instrument for Preschoolers Using Rasch Rating Scale Methods

Christine DiStefano, Fred Greer, Jin Liu, & Leia K Cain

April 27, 2:15pm-3:45pm

Tell Me Something I Don't Know: Are Early Warning Systems an Improvement on Teacher Intuition

Poster Session: Applied Research in Schools Division H – Research, Evaluation and Assessment in Schools/Section 1: Applied Research in the Schools

James Soland

April 27, 2:15 pm –3:45 p.m.

Evaluation of Online Cognitive Tutors for High School Chemistry
Applied Research in Schools
Weiling Li, Ted Britton, Steve Schneider

April 28, 2013

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

Building/Room: Parc 55/Cyril Magnin

Automated Feedback and Online Individualization of Reading Comprehension Instruction
Learning and Instruction / Section 3b: Technology-Based Learning Environments Poster
Dr. Bonnie J.F. Meyer with Drs. K. Wijekumar and Puiwa Lei

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

Automated Scoring of Essays Using Essay-Derived Knowledge Maps
Division C Section 3B Poster Session: Automated Scoring and Adaptive Guidance
Markus Iseli, Greg Chung, Eva Baker

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

Automated Scoring and Feedback in the Writing Pal: A Game-Based Writing Strategy Intelligent
Tutor
Danielle S. McNamara

April 28, 8:15am - 9:45am

Building/Room: Westin St. Francis / California West

Getting More From Multiple Years of Teacher Value-Added Estimates
Using Data to Measure and Make Decisions about Teacher Quality
Zeyu Xu, Kilchan Choi

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

Building/Room: Grand Hyatt, Theatre Level – Orpheum

Schooling, Educational Achievement, and the Latin American Growth Puzzle
The Role of Educational Quality, Equality, and Equity in Low-Income Countries: Findings from
the International Academy of Education
Eric Hanushek, Ludger Woessmann

April 28, 10:35am - 12:05pm

From Partnership Agreement to Initial Use: Multi-Sited Inquiry Into Early Implementation
Efforts
Implementing Computer-Supported Collaborative Writing
Justin Olmanson

April 28, 10:35am - 12:05pm

From Partnership Agreement to Initial Use: Multi-Sited Inquiry Into Early Implementation Efforts

Implementing Computer-Supported Collaborative Writing (Writing & Literacies SIG)

Alecia Magnifico, Justin Olmanson, Bill Cope, Sonia Kline, Sarah McCarthy

April 28, 10:35am - 12:05pm

Distributed Cognition in an Online Peer Response Environment

Implementing Computer-Supported Collaborative Writing (Writing & Literacies SIG)

Alecia Magnifico, Justin Olmanson, Bill Cope, Sonia Kline, Sarah McCarthy

April 28, 10:35 am –12:05 pm

An innovative approach to assessing depth of knowledge of academic words

Depth of vocabulary knowledge: Results and implications of validation and intervention studies

Amy C. Crosson

April 28, 10:35 am-12:05 pm

Learning and Assessment Ontologies of Cognitive Processes: Step 1: Problem Solving

Contrasting Design Models for Problem-Solving Processes: Guiding Learning and Assessment

Eva Baker, Girlie Delacruz

April 28, 10:35 am-12:05pm

Instructional Leadership and Emotional Intelligence: The Convergent and Divergent Validity of the Vanderbilt Assessment of Leadership in Education (VAL-ED)

Principals Navigate the Process and Outcomes of Instructional Leadership

Xiu Cravens

April 28, 10:35 am-12:05 pm

Classroom Activities and Organization: Predicting Gains in Achievement and Self-Regulation

Examining Associations Between Teaching and Learning Processes and Children's Development in Large-Scale Preschool Interventions

Dale C. Farran

April 28, 10:35am - 12:05pm

Computer-Supported Narrative Writing: Online Peer Review in an English Classroom (Alecia)

Implementing Computer-Supported Collaborative Writing (Writing & Literacies SIG)

Alecia Magnifico, Justin Olmanson, Bill Cope, Sonia Kline, Sarah McCarthy

April 28, 10:35am - 12:05pm

Computer-Supported Argumentative Writing: The Impact of Online Peer Review on Students' Argumentative Essays

Implementing Computer-Supported Collaborative Writing (Writing & Literacies SIG)

Alecia Magnifico, Justin Olmanson, Bill Cope, Sonia Kline, Sarah McCarthy

April 28, 10:35am - 12:05pm

Exploring the Affordances for Learning of Social Media Technologies
Implementing Computer-Supported Collaborative Writing (Writing & Literacies SIG)
Alecia Magnifico, Justin Olmanson, Bill Cope, Sonia Kline, Sarah McCarthey

April 28, 10:35am - 12:05pm

The Messy Issue of Multimedia Simulation Integration in High School chemistry Curricula
Thinking About Practice: From the Classroom to Policy
Catherine E. Milne

April 28, 10:35am - 12:05pm

Improving middle school science students' diagram reasoning through instruction.
Poster Session 4
Brian W. Miller

April 28, 10:35am – 12:05 pm

Hilton Union Square / Tower 3 Union Square 21
Measuring Students' Semantic Knowledge in Academic and Domain-Specific
Depth of Vocabulary Knowledge: Results and Implications of Validation and Intervention
Studies
Paul Deane

April 28, 10:35am – 12:05 pm

Hilton Union Square / Tower 3 Union Square 21, Symposium
Contributions of Depth Measures to an Assessment of the Word Generation Vocabulary
Intervention
Depth of Vocabulary Knowledge: Results and Implications of Validation and Intervention
Studies
Joshua Fahey Lawrence

April 28, 12:25 pm-1:55 pm

Hilton Union Square, Lobby Level - Golden Gate 6
Testing the efficacy of INSIGHTS in enhancing academic outcomes among shy children
Classroom Management Research Presentations
S.G McClowry, E. O'Connor, E. Cappella, and M.P. McCormick

April 28, 12:25 pm-1:55 pm

Using Functional Linguistics Metalanguage to Promote Meaningful Text-based discussions
Engaging Students in Critical Conversations
Viktorija Tijunelis, Michelle Nguyen

April 28, 12:25pm - 1:55pm

The Gerrymandering of Educational Boundaries and the Segregation of American Schools: A
Geospatial Analysis
Race and Space: Desegregation in Different Sociopolitical Contexts
Meredith P. Richards

April 28 - 12:25pm - 1:55pm

The Fragmentation of Metropolitan Public School Districts and the Segregation of American Schools: A Longitudinal Analysis
Race and Space: Desegregation in Different Sociopolitical Contexts
Meredith P. Richards, Kori Stroub

April 28, 12:25pm - 1:55pm

Analysis Tools for More Accurate Identification of Low-Performing and Turnaround Schools
Identifying Potentially Successful Approaches to Turning around Chronically Low-Performing Schools
Michael Hansen, Kilchan Choi

April 28, 12:25pm - 1:55pm

Building/Room: Hilton Union Square / Golden Gate 4
Analysis Tools for More Accurate Identification of Low-Performing and Turnaround Schools
Should They Stay or Should They Go? Staffing in Turnaround versus Not-Improving Schools
Michael Hansen

April 28, 12:25pm - 1:55pm

Building/Room: Parc 55, Third Level - Powell I
School Accountability: To What Ends and With What Effects?
Poverty and Performance: International Perspectives on the Relationship of Socioeconomic Status and Assessment Outcomes
Helen Ladd

April 28, 2:15pm - 3:45pm

Building/Room: Hilton Union Square, Fourth Level - Tower 3 Union Square 11
Performance Pay and Teacher Sorting: Exploring Teacher Preferences for Compensation Reform
Performance Pay and Teacher Incentives
Dan Goldhaber, Amy Nichole Farley, Wesley Bignell

April 28, 2:15 pm – 3:45 pm

An academic vocabulary intervention to enhance word knowledge and comprehension for middle school students
Vocabulary and academic language
Margaret G. McKeown

April 28, 2:15 pm – 3:45 pm

Middle school learners' use of morphological decomposition to infer word meaning in context
Vocabulary and academic language
Amy C. Crosson

April 28, 2:15 pm-3:45 pm

A Learning Progression Approach to Understanding Students' Conceptions of the Structure of Matter

Building Learning Progression for Science and Mathematics Learning

Mark R. Wilson, Paul J. Black

April 28, 2013- 2:15pm - 3:45 pm

Community College Student Progression through the Preparatory Math Sequence

Session Title and Number: A New Look at College Access (Roundtable Session 21)

Kristen E. Fong and Tatiana Melguizo

April 28, 2013, 2:15pm-3:45pm

Building a Learning Progression for Argumentation in Science Education

Building Learning Progression for Science and Mathematics Learning

Jonathan F. Osborne, Bryan Henderson, Anna MacPherson, Evan Szu

April 28, 2:15pm - 3:45pm

Feedback and Revising in an Intelligent Tutoring System for Writing Strategies

Intelligent Tutoring and Automatic Feedback Systems; Division C - Learning and Instruction

Section 3b: Technology-Based Learning Environments

Rod D. Roscoe

April 28, 2:15 pm - 3:45 pm

Community College Student Progression through the Preparatory Math Sequence

A New Look at College Access (Roundtable Session 21)

Kristen E. Fong

April 28, 2:15 pm – 3:45 pm

Sir Francis Drake, Second Level – Empire (Round Table 25)

Teachers' Construction of Expectations and Adaptation of Practice in response to Ability

Grouping, Performance Data, and Performance Labels

Pygmalion Still in the Classroom

Christopher Harrison

April 28, 2:15pm -3:45 pm

Hilton Union Square, Lobby Level Union Gate 6

Understanding Effective High Schools: Findings and Research around Personalization for Social and Academic Learning

Effective High Schools: Insights from the National Center on Scaling Up Effective Schools

Stacey Rutledge, Lora Cohen-Vogel, La'Tara Osborne-Lampkin, Ronnie Roberts, and Thomas

M. Smith

April 28, 2:15pm -3:45 pm

Hilton Union Square, Lobby Level Union Gate 6

Designing for Scale-Up: A Framework for Building System Capacity

Effective High Schools: Insights from the National Center on Scaling Up Effective Schools

Cheryl King, Eliza Perez Fabillar, Tom Haferd, and Maria-Paz Avery

April 28, 2:15 -3:45 pm

Hilton Union Square, Lobby Level Union Gate 6

Differences in Instructional Quality between High and Low-Value Added Schools in Two Large Urban Districts

Effective High Schools: Insights from the National Center on Scaling Up Effective Schools

Thomas M. Smith, Laura Neergaard, Courtney Preston, and Russ Ramsey

April 28, 2:15pm -3:45 pm

Hilton Union Square, Lobby Level Union Gate 6

Understanding the Student Experience in High Schools: Differences by School Value-Added Ratings

Effective High Schools: Insights from the National Center on Scaling Up Effective Schools

Marisa Cannata

April 28, 4:05pm - 5:35pm

Monitoring Student Learning

Teacher Cognition and Changing Instructional Practice Division C - Learning and Instruction / Section 2a: Cognitive and Motivational Processes

Keith Theide

April 28, 4:05 pm -5:35 pm

South Carolina Educators for Practical Use of Research: Preliminary Psychometric Evidence of the Behavioral and Emotional Screening System Teacher Rating Scale-Preschool

Fred Greer, Jin Liu, Christine DiStefano, Brandy Wilson, and Leia K Cain

April 28, 4:05pm-5:35pm

On centering scores before applying the nonparametric Levene Test

Advances in Educational Statistics SIG-Educational Statisticians

Benjamin Shear

April 28, 4:05 pm -5:35pm

Historical Reading and Writing Apprenticeships for Adolescent Readers: Integrating Disciplinary Learning with Cognitive Strategies

Exploring Literacy in the Humanities

Susan De La Paz, Chauncey Monte-Sano, Mark Felton, Robert Croninger, Cara Jackson, and Kelly Worland

April 28, 4:05pm - 6:05pm

Writing, Formative Assessment, and the Common Core
Excellence in Education Research: Early Career Scholars and Their Work
Alecia Magnifico, Sonia Kline, Sarah McCarthey, Becca Woodard

April 28, 4:05pm - 6:05pm

Building/Room: Hilton Union Square, Fourth Level - Tower 3 Union Square 25
Different Skills? Identifying Differentially Effective Teachers of English Language Learners
Factors Affecting English Learner Students' Academic Achievement: Quasi-Experimental
Evidence from Three Large School Districts
Benjamin Master, Susanna Loeb, Camille Whitney, James Wyckoff

April 28, 4:05pm -6:05pm

Between School Variation in the Academic Growth of English Learners
Factors Affecting English Learner Students' Academic Achievement: Quasi-Experimental
Evidence From Three Large School Districts Division G – Social Context of Education/Section
3: Social Context of Multiple Languages and Literacies
Camille Whitney

April 28, 4:05 pm – 6:05 pm

Young Children's Social-Behavioral Skills and the Influence of Parenting in Rural Communities
Excellence in Education Research: Early Career Scholars and Their Work
Kristin Rispoli, Natalie Koziol, and Susan Sheridan

April 28, 4:05 pm – 6:05 pm

Evaluating School-Level Value-Added Assessment Models
Excellence in Education Research: Early Career Scholars and their Work
Leslie H. Shaw

April 28, 4:05 pm - 6:05 pm

Westin St. Francis, Elizabethan A
Multi-Source Principal Evaluation Data: How Principals Approach, Interpret, and Use Teacher
Feedback Regarding Their Leadership Effectiveness
Principal Evaluation and Professional Development
Ellen Goldring, Madeline Clark Mavrogordato, and Katherina Taylor Haynes

April, 28, 4:05 pm – 6:05 pm

Science Classroom Discourse Analysis on Teacher Feedback and Questioning With Reasoning
Components
Excellence in Education Research: Early Career Scholars and Their Work
Soon Chun Lee

April 28, 4:05 pm to 6:05pm

Online and Face-to-Face Credit Recovery in Algebra I for At-Risk Ninth Graders: Second-Year Results

Increasing Graduation Rates through High School Student Engagement

Jessica Heppen

April 28, 4:05 pm-6:05 pm

Teacher-Reported Executive Functioning Skills Development in Dual-Language Learners

Excellence in Education Research: Early Career Scholars and Their Work

Mary Catherine Wagner Fuhs

April 28, 4:05 pm-6:05 pm

Teacher learning and change, again: Lessons from a middle school science intervention

Excellence in Education Research: Early Career Scholars and Their Work

Jade Caines

April 28, 4:05pm-6:05pm

Is a good teacher a good teacher for all? Comparing teacher value-added with English learners and non-English Learners

Factors Affecting English Learner Students' Academic Achievement: Quasi Experimental

Evidence From Three Large Schools Districts Division

Susanna Loeb, James Soland, Lindsay Fox

April 28, 4:05pm-6:05pm

The Impact of Initial Language Status on Academic Achievement

Factors Affecting English Learner Students' Academic Achievement: Quasi-Experimental

Evidence From Three Large School Districts

Ilana Umansky

April 28, 4:05pm-6:05pm

Instructional Pathways for English Language Learners: Growth Analysis of Effects by Pathway and Ethnicity

Factors Affecting English Learner Students' Academic Achievement: Quasi-Experimental

Evidence From Three Large School Districts

Rachel Valentino

April 28, 4:05pm-6:05pm

Between school variation in the academic growth of ELs

Factors Affecting English Learner Students' Academic Achievement: Quasi-Experimental

Evidence From Three Large School Districts

Rachel Valentino

April 28, 4:05pm-6:05pm

Cognitive science-based instruction in middle school science: Effects on comprehension of visual representations

Science Achievement: Cognitive Processes and Instruction

Jennifer G. Cromley

April 29, 2013

April 29, 8:15 am – 9:45 am

Exploring the Usability and Feasibility of a Virtual Chemistry Lab Tutor for High School Science

Building/Room: Hilton Union Square, Fourth Level - Tower 3 Union Square 21

Learning and Teaching in Secondary Science

Jodi Davenport

April 29, 8:15 am-9:45 am

Using Analysis of Student Strategies to Improve Educational Video Game Designs
Cognition and Assessment Roundtable

Deirdre Kerr and Greg Chung

April 29, 8:15am - 9:45am

What You See is What You Get: Using Visual Scaffolds in Multimedia Simulations

Learning and Teaching in Secondary Science

Jan L. Plass

April 29, 8:15am - 10:15am

Building/Room: Hilton Union Square, Lobby Level - Golden Gate 8

Who's in My Class This Year? Assignment Practices, Teacher-Student Sorting, and Student Learning

Using Data: Assignment Practices and Policies

Jason Grissom, Demtra Kalogrides, Susanna Loeb, Eric Taylor

April 29, 8:15am - 9:45am

Approaches to Teaching and Learning in Science Education

Stephanie Siler

April 29, 8:15am - 9:45am

Building/Room: Hilton Union Square / Imperial Ballroom B

Scale Up at the Level of Multiple School Districts: Lessons Learned From Multiple IERI- and IES-Funded Projects

Multiple Interpretations of “Going to Scale”: Definitions, Perspectives, and Methods

Douglas H. Clements

April 29, 8:15am - 9:45am

The Impact of Early College High Schools on Low-Income Students
School Turnaround Lessons at the Middle and High School Levels
Julie Edmunds, Faith Unlu, Arthur Smith, Elizabeth Glennie, Larry Bernstien

April 29, 8:15am - 9:45am

Building/Room: Hilton Union Square / Imperial Ballroom A
Exploring the Relationships between Classroom Assessment Practices and Student Outcomes through Student Survey Responses
Synthesizing Research Strands Session
Danny Dockterman

April 29, 8:15am - 10:15am

Solving the College Admissions Mismatch Process: Importance of High School Norms and Values
International Perspectives on Higher Education Admission Policy and Praxis
Justina Judy

April 29, 10:30 a.m.–12:15 p.m.

Latent Regression Bifactor and Second-Order Models: Model Specification and Full-Information Maximum Likelihood Estimation
NCME Individual Session, F6
Frank Rijmen

April 29, 10:30 am –12:15 pm

A Bifactor Multitrait-Multimethod Model for Educational Assessments
NCME Individual Session, F6
Minjeong Jeon

April 29, 10:35am - 12:05pm

Disability Status versus Functional Abilities in Predicting Child Outcomes
Brent McBride, Daniel J. Laxman, W. Justin Dyer, Justin Kern, Rosa M. Santos, Laurie M. Jeans

April 29, 10:35am - 12:05pm

Building/Room: Hilton Union Square, Fourth Level - Tower 3 Union Square 10
Examining Racial/Ethnic Disparities in ADHD Diagnosis across Kindergarten to Eighth Grade
Paul L. Morgan, Jeremy Staff, George Farkas, Marianne Hillemeier, and Steven Maczuga

April 29, 10:35am - 12:05pm

Creative Writing, Audience, and Online Community: A Study of Figment
Arts and the Learning Sciences in the New Media Age (Learning Sciences SIG)
Alecia Magnifico

April 29, 10:35 am– 12:05pm

Parc 55/Cyril Magnin Foyer

Growth of Language & Early Literacy Skills in Preschoolers with Developmental Speech and Language Impairment

M. Jeanne Wilcox, Shelley Gray, Mark Reiser

April 29, 10:35am - 12:05pm

Effects of Visual Scaffolds on Attention Patterns and Pupil Size in a Computer-Based Simulation

Catherine Milne

April 29, 2013, 10:35am-12:05pm

Validating and Assessing a New Progress Map for Student Argumentation in Science

Validating the Development and Assessment of Student Learning Progression Models in Science

Jonathan F. Osborne, Bryan Henderson, Evan Szu, Anna MacPherson, Shih-Ying Yao

April 29, 2013, 10:35am-12:05pm

Developing and Validating a Learning-Progression-Based Assessment of the Structure of Matter

Validating the Development and Assessment of Student Learning Progression Models in Science

Shih-Ying Yao, Mark R. Wilson

April 29, 2013, 10:35am-12:05pm

Coding Student Responses: An Iterative and Construct-Driven Approach That Uses Multiple Sources of Data

Validating the Development and Assessment of Student Learning Progression Models in Science

Tina Chiu, Linda Morell, Mark R. Wilson

April 29, 2013, 10:35am-12:05pm

Using a Linear Logistic Test Model to Examine Construct Validity and Inform Classroom Practice

Validating the Development and Assessment of Student Learning Progression Models in Science

Andrew John Galpern, Mark R. Wilson

April 29, 10:35 am- 12:05pm

Gifted Identification: What Roles Do Cut Scores and Identification Rules Play?

Identification for Gifted, Talented, and Creative Programming Number

Kelly A. O'Shea, D. Betsy McCoach, E. Jean Gubbins

April 29, 10:35am-12:05pm

Intervention to improve middle and high school science diagram comprehension.

Examining Innovations--Navigating the Dynamic Complexities of School-Based Intervention Research.

Jennifer G. Cromley

April 29, 2:45pm - 4:15pm

Comprehension SEEDING: Using Technology to Enhance Self-Explanation, Classroom Discussion, and Question Generation

Beyond Problem Solving: Applying Lessons from Intelligent Tutoring to New Contexts, Domains, and Platforms

Ruth Wylie

April 29, 2:45 pm-4:15pm

The Effects of a Coherent System of Assessments on Science Learning and Teaching: Use of Assessments in STEM Subjects

Matt Silberglitt , Barbara Buckley, Michelle LaMar, Edys S. Quellmalz

April 29, 2:45pm-4:15pm

Impact of outliers arising from a subpopulation on ordinary least squares and robust regression estimates

Making a Match and the Odd One Out: Papers on Propensity Scores and Residuals

Benjamin Shear

April 29, 2:45pm - 4:15pm Building/Room: Parc 55, Fourth Level - Cyril Magnin Foyer

Measurement of Adolescent Reading Motivation

Motivation in Education SIG Poster Session 1

Marcia H. Davis, Stephen M. Tonks, Michael F. Hock, Neal M. Kingston, Gail C.

Tiemann, Wenhao Wang

April 30, 2013

April 30, 8:00am - 9:30am

Positive and Negative Consequences of Off-Task Avatar Personalization within an Educational Game

Empirical Explorations in Educational Gaming; Division C - Learning and Instruction Section 3b: Technology-Based Learning Environments

Erica L. Snow

April 30, 8:00am - 9:30am

What's in a Game's Name? Task Framing, Learning, and Enjoyment in an Educational Game

Empirical Explorations in Educational Gaming; Division C - Learning and Instruction Section 3b: Technology-Based Learning Environments

Russell D. Brandon

April 30, 8:00am - 9:30am

Sir Francis Drake/Empire

Is Learning Road-Kill on the Information Highway?

Rethinking Technology, Instruction, Cognition, and Learning

Dr. Kausalai (Kay) Wijekumar with Drs. Bonnie Meyer and Puiwa Lei

April 30, 8:00am - 9:30am Sir Francis Drake/Empire
Is Learning Road-Kill on the Information Highway?
Rethinking Technology, Instruction, Cognition, and Learning
Dr. Kausalai (Kay) Wijekumar with Drs. Bonnie Meyer and Puiwa Le

April 30, 8:00 am – 9:30 am
Virtue and Personality: A Defense of Character Education from CAPS Theory and Virtue Ethics.
Criticism and the Meaning of Life, Roundtable session 41
Matthew Ferkany and Benjamin Creed

April 30, 8:00am-9:30am
Melted Aspirations: The Role of Habitus, Cultural, and Social Capital in Predicting
Postsecondary Plan Change
I Heard It From a Friend: Why Who You Know Can Make All the Difference Division J –
Postsecondary Education/Section 2: College Student Access, Success, and Outcomes
Brian Holzman

April 30, 8:00 am – 9:30am
Sir Francis Drake – Second Level/ Empire,
To Infinity and Beyond: Creating Assessments That Measure Students' Breadth of Vocabulary in
Content Domains
Vocabulary Acquisition and Use across Contents and Domains, Roundtable Session 45
René R. Lawless

April 30, 8:00 am-9:30am
Parc 55/Cyril Magnin Foye
Measuring Early Spanish Literacy: Factor Structure and Measurement Invariance of the
Phonological Awareness Literacy Screening for Kindergarteners in Spanish (PALS español-K)
Measuring Early Spanish Literacy: Factor Structure and Measurement Invariance of an Early
Literary Assessment Poster Session # 9
F.L. Huang, K. I. Ford, K.L., M Invernizzi, and X. Fan

April 30, 8:00am -9:45am
Advances in Analysis of Process Data from Game-Based Assessments (NCME)
Deirdre Kerr

April 30, 8:00 am -10:00 am
Bayesian estimation of the autocorrelation in single-case designs
Methodological Issues in the Analysis and Meta-Analysis of Single-Subject Experimental
Design Data
Jonathan G. Boyajian and William R. Shadish

April 30, 8:00 am-10am

Modeling Single Case Designs with Generalized Additive Models
Methodological Issues in the Analysis and Meta-Analysis of Single-Subject Experimental Design Data
Kristynn J Sullivan and William R. Shadish

April 30, 8:00am - 10:00am

RCT (Randomized Controlled Trial) Evaluation of an Online Tutoring System for Algebra Readiness
Instructional Technologies for Teaching and Learning Mathematics
Carole R. Beal

April 30, 8:00am - 10:00am

RCT (Randomized Controlled Trial) Evaluation of an Online Tutoring System for Algebra Readiness
Instructional Technologies for Teaching and Learning Mathematics
Shandy Hauk

April 30, 8:00am - 10:00am

RCT (Randomized Controlled Trial) Evaluation of an Online Tutoring System for Algebra Readiness
Instructional Technologies for Teaching and Learning Mathematics
Steven Arnold Schneider

April 30, 8:00am - 10:00am

RCT (Randomized Controlled Trial) Evaluation of an Online Tutoring System for Algebra Readiness
Instructional Technologies for Teaching and Learning Mathematics
Weiling Li

April 30, 8:00 am-10:00 am

Sir Francis Drake / Tudor AB
Learning Decimals from Erroneous Examples with an Online Tutor
Instructional Tech for Teaching and Learning Math - Sir Frances Drake - Tudor AB
Bruce McLaren

April 30, 10:00am -11:45am

Games and Assessment: Psychometrics Meets Fun
NCME
Robert Mislevy

April 30, 10:20 am- 11:50 am

Hilton Union Square – Tower 3 Mason

Quality Instruction in High Schools: Teachers' Perceptions of Instruction and Classroom Practice

High School Curriculum, Policy, and Reform

Courtney Preston, Daniela Torre

April 30, 10:20am – 11:50am

Item Nonresponse in a Survey of Recent Teacher Education Program Graduates

Measurement Issues in Survey Research, Paper Session

Ian H. Burke and Kathy E. Green

April 30, 10:20am - 11:50am

Westin St. Francis, Second Level - California West

Summarizing Social Class Differences in Infant and Preschool Development: Results from the ECLS-B

George Farkas

April 30, 10:20am - 11:50am

Westin St. Francis, Second Level - California West

Summarizing Social Class Differences in Infant and Preschool Development: Results from the ECLS-B

Paul L. Morgan

April 30, 10:20am - 11:50am

Westin St. Francis, Second Level - California West

Summarizing Social Class Differences in Infant and Preschool Development: Results from the ECLS-B

Marianne Hillemeier

April 30, 10:20am - 11:50am

Westin St. Francis, Second Level - California West

Summarizing Social Class Differences in Infant and Preschool Development: Results from the ECLS-B

Steven Maczuga

April 30, 10:20 am – 11:50 am

STEM Schools of Excellence: Administrator, Teacher, and Student Perspectives on Curriculum and Instructional Strategies

Creativity and STEM Education for Advanced Learners Number

Micah Nicole Bruce-Davis, Jennifer Foreman, Cindy Marie Massicotte, E. Jean Gubbins, Merzili Villanueva

April 30, 10:20am-11:50am

What Guides the Development of STEM Intervention Programs: Examining the Role of Theories of Change

Programs, Pipeline, and Prejudice in STEM (Division J Postsecondary Education, Section 2 College Student Access, Success, and Outcomes)

Casey George-Jackson

April 30, 12:10 pm - 1:40pm

Building/Room: Sir Francis Drake, Second Level - Empire

Structuring the School Leadership Team: Roles, Responsibilities, Time Allocation, and Outcomes

Leadership and Organization Impacts on Student Outcomes

Hajime Mitani, Jason Grissom, Susanna Loeb

April 30, 12:10pm-1:40pm

Demonstration of the impact of data entry error on generalizability and decision studies: Crossed and nested two-facet designs

Exploring Reliability and Generalizability Theory

Brian Shear

April 30, 12:10pm - 1:40pm

Building/Room: Parc 55 / Cyril Magnin I

School Officials' Perceptions about Consequences of Delaying High School Time

Reaching Success Together: Multiple Perspectives on Enhancing School Achievement and Promoting Positive Student Outcomes

Megan Kuhfeld

April 30, 12:10pm - 1:40pm

Building/Room: Sir Francis Drake / Empire

Treatment-Confounded Missingness: A Comparison of Methods for Addressing Censored or Truncated

Evaluating Approaches for Addressing Missing Data

Mark Hansen

April 30, 12:10pm - 1:40pm

Building/Room: Sir Francis Drake / Empire

Treatment-Confounded Missingness: A Comparison of Methods for Addressing Censored or Truncated Data in School Reform Evaluations

Evaluating Approaches for Addressing Missing Data

Jordan Rickles

April 30, 2:00 pm – 3:30 pm

Hilton Union Square – Imperial Ballroom A

Understanding Human Agency in students and School Personnel's Perceptions of Personalization for Academic and Social Learning
Effective high Schools: Insights From the National Center for Scaling Up Effective Schools
Ronnie Roberts, Stacey Rutledge, Stephanie Brown

April 30, 2:00 pm -3:30pm

Evidence of Validity for the Vanderbilt Assessment of Leadership in Education: A Known Group Analysis
The Preparation and Assessment of School Leaders
Elizabeth Covay

April 30, 2:00 pm -3:30pm

Practice-Based Inquiry in Urban Elementary Schools
Equity-in-Practice in STEM Teaching
Beth Warren

April 30, 2:00 pm-3:30 pm

Practice-Based Inquiry in Urban Elementary Schools
Equity-in-Practice in STEM Teaching
Ann S. Rosebery

April 30, 5:05 pm – 6:35 pm

Meeting Rural Science Teachers' Needs: Professional Development With Ongoing Technology-Delivered Instructional Coaching
Math and Science in Rural Schools
Gina M. Kunz, Gwen Nugent, Jon Pedersen, Sue Ellen DeChenne, & James Houston

April 30, 5:05pm - 6:35pm

Cognitive Analysis and Model Fit of Postsecondary Higher-Order Domain Knowledge Assessment
Cognition and Assessment: Contemporary Design and Psychometric Modeling Practices
Larry Gallagher

April 30, 5:05pm -6:35pm

The Effects of Patterning Instruction on First-Grade Students' Mathematics and Literacy Achievement
Research on the Teaching and Learning of Number and Operations, Roundtable Session 57
Julie K. Kidd, K. Marinka Gadzichowski, Robert Pasnak, Debbie Gallington, and Nedra Lee Cossa

April 30, 5:05 pm -6:35pm

Addressing Measurement Error and Sampling Variability in Nonparametric Gap Estimation
Achievement Gaps in the Era of NCLB: Measurement, Trends and the Impact of NCLB
Sean Reardon

April 30, 5:05 pm -6:35pm

Left (Less Far) Behind? Achievement Gaps in the Era of No Child Left Behind
Achievement Gaps in the Era of NCLB: Measurement, Trends and the Impact of NCLB
Erica Greenberg

April 30, 5:05 pm -6:35pm

Variability in gaps trends in the NCLB era
Achievement Gaps in the Era of No Child Left Behind (NCLB): Measurement, Trends, and the Impact of NCLB
Kenneth Shores

April 30, 5:05pm-6:35pm

Practical Achievement Gap Estimation in the Era of No Child Left Behind
Achievement Gaps in the Era of NCLB: Measurement, Trends and the Impact of NCLB
Andrew Dean Ho

April 30, 5:05pm-6:35pm

Variability in gaps trends in the NCLB era
Achievement Gaps in the Era of No Child Left Behind (NCLB): Measurement, Trends, and the Impact of NCLB
Rachel Valentino

April 30, 5:05 pm – 7:05 pm

Hilton Union Square, Lobby Level-Golden Gate 5
Strategies for High School Parent Involvement: Evidence from the National Center for Scaling Up Effective Schools
Educational Reform Built on Systematic Studies Using Multiple Data Methods: The Voices of Parents Through Multiple Research Paradigms
Katherine Taylor Haynes ,Gabrielle Chapman ,Timothy Drake ,Ellen Goldring

April 30, 5:05pm-7:05pm

Does Bilingualism Foster Executive Functioning Skills in Emotionally Dysregulated Children?
Promising Scholarship in Education: Dissertation Fellows and Their Research AERA Sessions
Ximena Portilla

April 30, 5:05pm - 7:05pm

Building/Room: Westin St. Francis, Second Level - Elizabethan B
The Gateway to the Profession: Assessing Teacher Preparation Programs Based on Student Achievement
Knocking on the Ivory Tower: Connecting Teacher Qualifications and Preparation to Student Outcomes
Dan Goldhaber, Stephanie Liddle

April 30, 5:05pm - 7:05pm

Building/Room: Parc 55 / Cyril Magnin Foyer

Inside the Black Box of Student Achievement: An Analysis of School and Community
Covariates of Achievement Session Name: Promising Scholarship in Education: Dissertation
Fellows and Their Research Session
Madhur Chandra

April 30, 5:05pm-7:05pm

Who Matters for Student Achievement: Examining the Impact of NCLB on School Staff
Promising Scholarship in Education: Dissertation Fellows and Their Research AERA Sessions
Christopher Candelaria

April 30, 5:05pm-7:05pm

Examining the Potential Impact of Open Enrollment Policies: Responses to Student Assignment
Promising Scholarship in Education: Dissertation Fellows and Their Research AERA Sessions
Matt Kasman

April 30, 5:05pm-7:05pm

The Effect of High-Stakes Accountability Tests on Children's Socio-Emotional Outcomes
Promising Scholarship in Education: Dissertation Fellows and Their Research AERA Sessions
Camille Whitney

April 30, 7:15pm -8:45pm

Perception of Math Content in an Educational Video Game
Cognition and Assessment SIG Business Meeting and Poster Session
Deirdre Kerr

May 1, 2013

May 1, 8:15am - 9:45am

Engaged Time for Argumentative Writing in High School English Language Arts Classrooms
George E. Newell (PI), with other members of the project

May 1, 8:15 am – 9:45 a.m.

The effect of Florida's Bright Futures program on college entry and choice: an individual-level
analysis

Does Money Matter? Effects of Tuition and Financial Aid on College Student Success

Liang Zhang, Shouping Hu

May 1 - 8:15am - 9:45am

Building/Room: Parc 55 / Mission II&III

A Two-Stage Propensity Score Matching Strategy to Estimate Treatment Effects in a Multisite
Observational Study

Jordan Rickles

May 1, 8:15am - 9:45am

Building/Room: Hilton Union Square / Tower 3 Mason

The Math Gap: An Analysis of the Mathematics Performance of Young Deaf and Hard-of-Hearing Children

Claudia M. Pagliaro, Ph.D. & Karen L. Kritzer, Ph.D.

May 1, 8:15 am- 10:15 a.m.

The Relationships Between Teacher Variables and Outcomes for Language Minority Learners in Grades 3-5 on Measures of Vocabulary Knowledge and Reading Comprehension

Research in Reading and Literacy: The Range of Research Questions

J. L. Gray, M. J. Dreher, R.D. Silverman, and C.P. Proctor

May 1, 8:15am - 10:15am

Building/Room: Parc 55 / Mason

Evaluating Score Consistency Within the Framework of an Argument for Test Use

Current Issues in Test Validity

Jonathan Schmidgall

May 1, 10:35am - 12:05pm

Challenges in Measuring Core Competencies in Teacher Preparation Programs

Measurement Applications for Teachers and Teaching/ Roundtable Session 71

Ruhan Circi and Derek Briggs (additional authors Kent Seidel & Kathy E. Green)

May 1, 10:35am - 12:05pm

Adolescent Writing and Fan Culture in Online Affinity Spaces

Taking Ownership: Attending to Students' Collaborative, Multiliterate, and Multimodal Approaches (Writing & Literacies SIG)

Alecia Magnifico

May 1, 10:35 am-12:05 pm

The Teacher's Role in Promoting Student Dialogue in Elementary Mathematics Classrooms

Promoting Academically Productive Student Dialogue: International Perspectives on the Role of Teacher Practices

Noreen Webb, Megan Franke, Marsha Ing

May 1, 10:35am - 12:05pm

Cosmic Chemistry: Evaluating Summer Learning for High School Students

Progress in Science, Technology, Engineering, and Mathematics (STEM)

Andrea Beesley and Danette Parsley

May 1, 10:35am - 12:05pm

Sir Francis Drake / Empire

Works in Progress: Lessons From Other Disciplines on Analyzing and Using the Results From Iterative Design Research

Learning Sciences SIG Roundtable on Theory Building and Research Methodology

Laura Williams

May 1 2:15 pm -3:45 pm

Effects of Teaching Experience on Student Outcomes in Two Language Arts Units for Gifted Students

Reading and Language Arts

Sarah Oh and Carolyn Callahan

May 1, 12:25pm - 1:55pm

The WASSI (Writing Attitudes and Strategies Self-Report Inventory): Reliability and Validity of a New Self-Report Writing Inventory

Division C Section 1a Poster Session 1: Literacy

Jennifer L. Weston

May 1, 12:25pm - 1:55pm

Implementing and Evaluating the Efficacy of Applying Research to Practice in Middle School Mathematics

Building/Room: Hilton Union Square, Fourth Level - Tower 3 Union Square 12

Reciprocal Relations Between Research and Practice: How Improving Curricular Materials Led to New Research Questions

Jodi Davenport

May 1, 12:25pm - 1:55pm

Teachers' Roles in Creating Contexts for High School Students' Composition

George E. Newell

May 1, 12:25pm - 1:55pm

Worked Examples: Who Do They Work For?

Reciprocal Relations Between Research and Practice: How Improving Curricular Materials Led to New Research Questions

Julie L. Booth, Kenneth R. Koedinger, & Allison B. Talbot

May 1, 12:25pm – 1:55pm

Is there an Empirical Basis for Current Pre-service Teacher Preparation?

Educational Policy: Research Informing Practice, Poster Session

Kimberly Hartnett-Edwards, Jennifer Whitcomb, Sarah Anderson, and Matt Spurlin (first author Kent Seidel, additional authors Kathy E. Green & Derek C. Briggs)

May 1, 12:25pm - 1:55pm

Building/Room: Hilton Union Square / Tower 3 Union Square 5

Measuring the Classroom Environment Through Student Surveys

Methodological, Conceptual, and Policy Issues

Jonathan Schweig

May 1, 12:25pm - 1:55pm

Building/Room: Hilton Union Square / Tower 3 Union Square 5

Quality Assessment Practice Within—and Between—Classrooms: Investigating Invariance and Cross-Level Relationships

Methodological, Conceptual, and Policy Issues

Danny Dockterman

May 1, 12:25pm - 1:55pm

Building/Room: Hilton Union Square / Tower 3 Union Square 5

Cross-Level Measurement Invariance in School and Classroom Environmental Variables

Jonathan Schweig

May 1, 12:25 pm– 1:55 pm

Hilton Union Square, Lobby Level-Golden Gate 4

Bringing Student Responsibility to Life: Avenues to Personalizing High Schools for Student Success

The Power of Student-Centered Reform in Urban Schools

Daniela Torre; Timothy Drake; Courtney Preston; Ellen Goldring; Marisa Cannata

May 1, 12:25-1:55 pm

Hilton Union Square, Ballroom Level, Continental 4

Researchers and Districts Working Together to Improve Achievement, Opportunity, and Economic Life Chances for English Learners: Policy, Practice, and Research

Peggy Estrada

May 1, 12:25pm - 1:55pm

Parc 55 / Cyril Magnin Foyer

Using Technology to Support Students as They Learn Fractions

Technology-Mediated Learning

Maria Mendiburo

May 1, 12:25pm-1:55pm

Featured Presidential Session: Researchers and Districts Working Together to Improve Achievement, Opportunity, and Economic Life Chances for English Learners: Policy, Practice, and Research”

Sean Reardon

May 1, 2:15pm – 3:45 pm

Hilton Union Square, Ballroom Level – Imperial Ballroom A

Practice Matters: Learning-Centered leadership in Effective High Schools serving At-risk Students

The Role of Leadership in Improving Student Learning Opportunities

Jason Huff; Ellen Goldring; J. Edward Guthrie

May 1, 2:15 pm -3:45 pm

Teaching Functional Grammar Analysis as a Means to Support English
Investigations of levers to enhance the oral language and reading comprehension of English
language learners.

Annemarie Sullivan Palincsar, Carrie Symons, Mary J. Schleppegrell

May 1, 2:15pm-3:45pm

Truly Universal? The Spatial Nature of Georgia Pre-K, 1998-2010
Mapping Kindergarten Readiness and Access to Preschool, SIG-Early Education and Child
Development

Erica Greenberg

May 1, 2:15 pm–3:45 p.m.

Investigating the Impact of Embedded Assessment on Elementary Student Achievement in
Science

Impact of an Embedded Assessment System on Elementary Science Teaching and Learning—
Power and Promise

Michael Timms, Cathy Ringstaff, Steve Schneider, Kevin Huang, LinLin Li, Michelle Tiu