



## 2007 RESEARCH CONFERENCE

June 7-8, 2007 • Washington, D.C.



Institute of Education Sciences U.S. Department of Education

555 New Jersey Ave. N.W. Washington, D.C. 20208-5500





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**Marriott Wardman Park Hotel** 2660 Woodley Road, N.W.

Institute of Education Sciences U.S. Department of Education

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Marriott Wardman Park Hotel
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## WELCOME FROM THE DIRECTOR

## It is my pleasure to welcome you to the Institute of Education Sciences' 2007 Research Conference.

The nation needs policymakers, educators, and concerned citizens to see the value of rigorous evidence, to turn to it when difficult decisions arise, and to insist that new policies that can't wait for evidence be tested as they are implemented. That requires a transformation in the way education is conducted. We must become a learning society – a society that plans and invests in learning how to improve its education programs. IES is at the center of that transformation because that is our statutory mission and there is substantial, bipartisan political support for evidence-based education policy. IES has made substantial progress in the last four years. We have established the infrastructure that is necessary to support rigorous and relevant research, and investments through the infrastructure are beginning to yield important results.

This event showcases the results of IES-supported research activities and provides an opportunity for the IES community of researchers to interact with each other and hear from prominent practitioners and policymakers.

Thank you for your work and your attendance. My colleagues and I at IES look forward to an exciting two days.

Grover J. (Russ) Whitehurst Washington, D.C., June 2007



## IES 2007 RESEARCH CONFERENCE AGENDA

TIME	EVENT	LOCATION
6:30 p.m. – 8:00 p.m.	Pre-conference Registration	Conference Registration 2
7:30 a.m. – 5:00 p.m.	Conference Registration	Conference Registration 2
7:30 a.m. – 9:00 a.m.	Continental Breakfast	Marriott Salons 2-3
9:00 a.m 9:45 a.m.	First Plenary Session	Marriott Salons 2-3
	The Future of Education Research Depends on You	
	<b>Grover J. (Russ) Whitehurst</b> , Director, Institute of Education Sciences	
10:00 a.m. – 11:45 a.m.	Concurrent Paper and Poster Sessions (Session 1)	
	1.1: Getting Beyond the "Same-Old, Same-Old" in Teacher Professional Development	Maryland A
	Moderator/Discussant: <b>Barbara Gunn,</b> Oregon Research Institute <b>Douglas Powell,</b> Purdue University <b>Carol McDonald Connor,</b> Florida State University	
	1.2: Statistical and Methodological Issues in Special Education	Maryland B
	Mary Brownell, University of Florida Donald Compton, Vanderbilt University Charles Greenwood, University of Kansas Larry Hedges, Northwestern University	
	1.3: Using NCES Transcript Study Data to Examine Student Course-Taking Patterns	Maryland C
	Chair: <b>Jeff Owings</b> , NCES <b>John Wirt</b> , NCES <b>Janis Brown</b> , NCES	
	1.4: Answering Education Policy Questions With Large Longitudinal Databases	Virginia B-C
	Moderator/Discussant: Jane Hannaway, Urban Institute Tim Sass, Florida State University Helen Ladd, Duke University Margaret Burchinal, University of North Carolina-Chapel Hill	
	6:30 p.m. – 8:00 p.m. 7:30 a.m. – 5:00 p.m. 7:30 a.m. – 9:00 a.m. 9:00 a.m. 9:45 a.m.	Si.30 p.m

	TIME	EVENT	LOCATION	
		1.5: Poster Presentations		
		a. Math and Science, Math and Science Teacher Quality, Social and Character Development (SACD), Special Education, and Others	Delaware Suite	
		b. Reading and Writing, Reading and Writing Teacher Quality, Regional Educational Laboratories (REL), Special Education, and Others	Virginia A	
THURSDAY	11:45 a.m. – 1:30 p.m.	Second Plenary Session and Luncheon	Marriott Salons 2-3	
AFTERNOON, JUNE 7 <sup>th</sup>	1.50 p.m.	Introduction of Speaker		
		<b>Grover J. (Russ) Whitehurst</b> , Director, Institute of Education Sciences		
		Journalism's Love Affair With KIPP: What the Numbers Say		
		Jay Mathews, The Washington Post		
		Concurrent Paper and Poster Sessions (Session 2)		
		2.1: Assessing Reading Comprehension	Maryland A	
		Moderator/Discussant: Richard K. Wagner, Florida State University Gloria Waters, Boston University John Sabatini, Educational Testing Service Arthur Graesser, University of Memphis		
		2.2: Measuring "Response" in Response to Intervention (RTI)	Maryland B	
		<b>Douglas Cheney,</b> University of Washington <b>Donald Compton,</b> Vanderbilt University		
		2.3: Early Reading First: The Results From the Congressionally-Mandated Evaluation	Maryland C	
		Chair: Stefanie Schmidt, NCEE Russell Jackson, Decision Information Resources, Inc. John Burghardt, Mathematica Policy Research, Inc. Peter Schochet, Mathematica Policy Research, Inc. Christine Ross, Mathematica Policy Research, Inc.		
		2.4: Digging Into Value-Added Models	Virginia B-C	
		Moderator/Discussant: Stephen Raudenbush, University of Chicago Douglas Harris, University of Wisconsin, Madison J.R. Lockwood, RAND Corporation Daniel McCaffrey, RAND Corporation Louis Jacobson, CNA Corporation		

TILLE	DY/DAI/D	LOCATION
TIME	EVENT	LOCATION
	<ul> <li>2.5: Poster Presentations</li> <li>a. Cognition and Student Learning (CASL), Reading and Writing, Reading and Writing Teacher Quality,</li> <li>Research by Students in Predoctoral Interdisciplinary</li> <li>Research Training Programs, and Others</li> </ul>	Delaware Suite
	b. Policy and Leadership, Social and Character Development (SACD), Special Education, National Research and Development Centers, and Others	Virginia A
3:30 p.m. – 5:00 p.m.	Concurrent Paper and Poster Sessions (Session 3)	
	3.1: The Science of Instructional Technology	Maryland A
	Moderator/Discussant: Kenneth Koedinger, Carnegie Mellon University M. Anne Britt with Amanda M. Durik, Northern Illinois University Brian Bottge with Ana Stephens, University of Wisconsin-Madison Danielle McNamara, University of Memphis	
	3.2: Research on Making Large-Scale Reading Assessments More Accessible for Students With Disabilities	Maryland B
	Cara Cahalan-Laitusis, Educational Testing Service Linda Cook, Educational Testing Service Martha Thurlow, University of Minnesota Jamal Abedi, University of California-Davis Discussant: Geneva Haertel, SRI International Discussant: Gerald Tindal, University of Oregon	
	3.3: Efficacy and Effectiveness Evaluation: A Behavior Research Example	Maryland C
	Edward Feil, Oregon Research Institute John Seeley, Oregon Research Institute Mary Wagner, SRI International W. Carl Sumi, SRI International	
	3.4: Ins-and-Outs of Regression Discontinuity	Virginia B-C
	Mark Lipsey, Vanderbilt University	Ü
	3.5: Poster Presentations	
	a. Cognition and Student Learning (CASL), Math and Science Teacher Quality, Research by Students in Predoctoral Interdisciplinary Research Training Programs, and Others	Delaware Suite
	b. Preschool Curriculum Evaluation Research (PCER), Reading and Writing, Reading and Writing Teacher Quality, Math and Science, and Others	Virginia A

AFTERNOON, JUNE 7<sup>th</sup>

	TIME	EVENT	LOCATION
THURSDAY EVENING, JUNE 7 <sup>th</sup>	5:00 p.m. – 6:30 p.m	Networking Session	Salon 3
,	1		
FRIDAY MORNING, JUNE 8 <sup>th</sup>	7:30 a.m. – 10:00 a.m.	Conference Registration	Conference Registration 2
	7:30 a.m. – 9:00 a.m.	Continental Breakfast	Marriott Salons 2-3
	8:30 a.m. – 10:00 a.m	Concurrent Paper and Poster Sessions (Session 4)	
		4.1: Addressing Diversity in Rural Education	Maryland A
		Chair: Judith Meece, University of North Carolina-Chapel Hill Lynne Vernon-Feagans, University of North Carolina-Chapel Hill Jill Hamm, University of North Carolina-Chapel Hill Thomas Farmer, Pennsylvania State University	
		4.2: Current Methodological Issues in Single Case Research: The Easy, the Difficult, and the Impossible	Maryland B
		<b>David Rindskopf,</b> City University of New York <b>Robert Horner,</b> University of Oregon	
		4.3: How the Regional Educational Laboratories Are Bringing Research to Education Stakeholders	Maryland C
		Chair: Melissa Busch, National Laboratory Network, REL Mid-Atlantic Karla Lewis, REL Southeast Kristin Mitchell, REL Southwest Wendy Sisson, REL Mid-Atlantic Catherine Walcott, REL West John Wise, REL Mid-Atlantic	
		4.4: Strengths and Limitations of Propensity Scoring	Virginia B-C
		Carolyn Hill, Georgetown University	
		4.5: Poster Presentations	
		a. Social and Character Development (SACD), Special Education, National Research and Development Centers, Research by Students in Predoctoral Interdisciplinary Research Training Programs, and Others	Delaware Suite
		b. Cognition and Student Learning (CASL), Math and Science, Math and Science Teacher Quality, and Others	Virginia A

	TIME	EVENT	LOCATION
FRIDAY MORNING, JUNE 8 <sup>th</sup>	10:15 a.m. – 11:45 a.m	Concurrent Paper and Poster Sessions (Session 5)	
		5.1: The Report to Congress on "Effectiveness of Reading and Mathematics Software Products: Findings From the First Student Cohort"—A Discussion of the Role of Rigorous Evidence	Maryland A
		Moderator: <b>Audrey Pendleton,</b> NCEE Presenter: <b>Mark Dynarski,</b> Mathematica Policy Research, Inc. Commentators: <b>John Pane,</b> RAND Corporation <b>Peter Carroll,</b> Talbot County Council, Easton, MD	
		5.2: Developing a Severity-of-Disability Scale and Modeling Early Reading and Math Performance in a Longitudinal Study of Preschoolers With Disabilities	Maryland B
		Elaine Carlson, Westat Frank Jenkins, Westat Tamara Daley, Westat Discussant: Asha Jitendra, Lehigh University	
		5.3: Studies About Teachers (NCES)  Chair: Frank Johnson, NCES Kerry Gruber, NCES Julia Bloom, NCES Steve Provasnik, NCES Steven Honegger, American Institutes for Research Michael Podgursky, University of Missouri Discussant: Rick Hess, American Enterprise Institute for Public Policy Research	Maryland C
		5.4: Highlights From the FY 2008 NCER Request for Applications  Lynn Okagaki, NCER	Virginia B-C
		5.5: Poster Presentations	Delaware Suite
		Reading and Writing, Reading and Writing Teacher Quality, Research by Students in Predoctoral Interdisciplinary Research Training Programs, and Others	
<b>FRIDAY</b> AFTERNOON, JUNE 8 <sup>th</sup>	11:45 a.m. – 4:30 p.m	Grantee Meetings	
		See a separate handout for program, schedule, and locations.	



## POSTER PRESENTATIONS

Thursday, June 7, 2007 10:15 a.m. – 11:45 a.m.

**Location: Delaware Suite** 

Subject: Math and Science, Math and Science Teacher Quality, Social and

Character Development (SACD), Special Education, and Others

Introducing the National Study on Alternate Assessments (NSAA)

Presenter: Renee Cameto, SRI International

Exhibit Area: 1 Delaware

Preschoolers With Disabilities: Early Academic and Social Skills

Presenter: *Elaine Carlson*, Westat

Exhibit Area: 2 Delaware

Improving State Reading Assessments for Blind and Visually Impaired Students: Results From Year 1 of the Technology Assisted Reading Assessment (TARA) Project

Presenters: Cara Cahalan-Laitusis, Educational Testing Service

*Martha Thurlow*, University of Minnesota *Teresa King*, Educational Testing Service

Exhibit Area: 3 Delaware

The Designing Accessible Reading Assessment (DARA) Project: Research Results From Year 2

Presenters: Cara Cahalan-Laitusis, Educational Testing Service

*Fred Cline,* Educational Testing Service *Teresa King,* Educational Testing Service

Exhibit Area: 4 Delaware

The Partnership for Accessible Reading Assessment (PARA)

Presenters: **Deborah Dillon**, University of Minnesota

*Martha Thurlow*, University of Minnesota *Jamal Abedi*, University of California-Davis

Exhibit Area: 5 Delaware

**Evaluation of a Group Social Intervention Using Response to Intervention (RTI) Methods for Students With Serious Behavior Disorders** 

Presenters: **Douglas Cheney, University of Washington** 

Scott Stage, University of Washington

Exhibit Area: 6 Delaware

## Postsecondary Outcomes for Youth With Disabilities Up to Four Years Out of High School: A National Perspective

Presenters: Lynn Newman, SRI International

*Mary Wagner*, SRI International

Exhibit Area: 18 Delaware

#### Youth With Disabilities in Foster Care

Presenter: Laurie Powers, Portland State University

Exhibit Area: 19 Delaware

## Improving Summer Employment and Community Participation Outcomes for Transition-Age Youth With Disabilities: An Overview of Project Summer

Presenters: *Erik Carter*, University of Wisconsin-Madison

> **Audrey Trainor**, University of Wisconsin-Madison Laura Owens, University of Wisconsin-Milwaukee

Exhibit Area: 20 Delaware

#### Principled Science Assessment Design for Students With Disabilities

Presenters: Geneva Haertel. SRI International

> **Robert Mislevy,** University of Maryland-College Park **Robert Dolan,** Center for Applied Special Technology

21 Delaware Exhibit Area:

### **Evaluating a School-Level Statewide Conflict Resolution Education Program for Middle Schools**

Presenters: *Mark Lipsey*, Vanderbilt University

Wendy Garrard, Vanderbilt University

Exhibit Area: 22 Delaware

#### Impact Evaluation of the U.S. Department of Education's Student Mentoring Program

Presenters: *Larry Bernstein,* Abt Associates

*Marjorie Levin,* Abt Associates

Exhibit Area: 23 Delaware

## Understanding Influences on Teacher Implementation: Analysis of Program Implementation Data From the Positive Action-Chicago Randomized Trial

Presenters: **Peter Ii**, University of Illinois-Chicago

> *Michael Fagen*, University of Illinois-Chicago David DuBois, University of Illinois-Chicago Vanessa Brechling, University of Illinois-Chicago

Exhibit Area: 24 Delaware

## The Positive Action Program and the Impact of Character Interventions on Student Outcomes: Year 1 Results

Presenters: **David DuBois**, University of Illinois-Chicago

Brian Flay, Oregon State University Peter Ji, University of Illinois-Chicago

Vanessa Brechling, University of Illinois-Chicago

Exhibit Area: 26 Delaware

#### Integration of a Family-Based Intervention Within School-Wide Positive Behavior Support

Presenters: *Scott Spaulding,* University of Oregon

Erika S. Lunkenheimer, University of Oregon

**Robert Horner,** University of Oregon **Thomas J. Dishion,** University of Oregon

Exhibit Area: 27 Delaware

## A Test of an Enhanced Model for After-School Programs in Middle Schools: Process Summary and Effects on Youth After-School Experiences

Presenters: **Denise Gottfredson**, University of Maryland

Amanda Cross, University of Maryland Denise Dugas, University of Maryland

Exhibit Area: 28 Delaware

## Character Education Inquiry: A Place-Based Randomized Trial of Social Skills Instruction

Presenters: *Gary Gottfredson*, University of Maryland

Elise Harak, University of Maryland

Allison Nebbergall, University of Maryland

Joseph Nese, University of Maryland

Exhibit Area: 29 Delaware

#### Capturing Change in an Inquiry-Based Science Professional Development Project

Presenters: Lisa PytlikZillig, Center for Instructional Innovation

**Beth Doll,** Center for Instructional Innovation **Roger Bruning,** Center for Instructional Innovation **Christy Horn,** Center for Instructional Innovation

Exhibit Area: 34 Delaware

## Replication and Outcomes of the Teaching SMART Program in Elementary School Classrooms: Selected Outcomes in Year One

Presenters: Kathryn Borman, University of South Florida

**Bridget Cotner,** University of South Florida **Reginald Lee,** University of South Florida **The Lee Bridget** Lee Grant Florida

**Theodore Boydston,** University of South Florida

Exhibit Area: 35 Delaware

## Kindergarten Children Becoming Science Learners: What Do You Do in Science and What Makes Someone Good at It?

Presenters: *Panayota Mantzicopoulos*, Purdue University

*Helen Patrick,* Purdue University

*Ala Samarapungavan*, Purdue University

Exhibit Area: 36 Delaware

## Study of the Efficacy of the Responsive Classroom Approach for Improving Teacher Quality and Children's Academic Performance

Presenter: Sara Rimm-Kaufman, University of Virginia

Exhibit Area: 37 Delaware

## A Report on the Implementation of Teacher Quality Research to Improve Mathematics in Urban Schools: Quantitative and Qualitative Reasoning About Quantitative Reasoning

Presenters: Barbara Radner, DePaul University

Vince Cyboran, Roosevelt University Steve Ponisciak, University of Chicago

Exhibit Area: 39 Delaware

#### AnimalWatch: An Intelligent Tutoring System for Pre-Algebra

Presenter: *Carole Beal*, University of Southern California

Exhibit Area: 40 Delaware

## Expanding the Computer and Team Assisted Mathematical Acceleration (CATAMA) Lab From Urban Middle to High Schools

Presenters: *Allen Ruby*, Johns Hopkins University

Robert Balfanz, Johns Hopkins University

Exhibit Area: 41 Delaware

## Enhancing the Mathematical Problem Solving Performance of Seventh Grade Students Using Schema-Based Instruction: Lessons Learned From Year 1 Design Study

Presenters: *Asha Jitendra*, Lehigh University

Jon Star, Michigan State University Kristin Starosta, Lehigh University Grace Caskie, Lehigh University

Exhibit Area: 42 Delaware

## Classroom Connectivity in Promoting Mathematics and Science Achievement: Implementation Fidelity

Presenters: *Karen E. Irving*, Ohio State University

Vehbi Sanalan, Ohio State University

Louis Abrahamson, Better Education Foundation

Sedat Ucar, Ohio State University

Exhibit Area: 43 Delaware

### The Elevator Problem: Urban School Teachers' Impediments to Teaching a Rich **Mathematics Lesson**

Presenter: Joi Spencer, University of San Diego

Exhibit Area: 44 Delaware

### Observing Patterns of Classroom Connectivity: Protocol Development and Implementation

Presenters: Stephen Pape, University of Florida

> Sukru Kaya, Ohio State University Karen E. Irving, Ohio State University Vehbi Sanalan, Ohio State University

Exhibit Area: 45 Delaware

#### Algebraic Interventions for Measured Achievement (AIMA)

Presenters: Steve Schneider, WestEd

> Thomas Hanson, WestEd Kimberly Viviani, WestEd

Exhibit Area: 46 Delaware

### **Development of an IRT-Based Direct Assessment of Preschool Science**

Ximena Dominguez, University of Miami Presenters:

> Ariela Greenberg, University of Miami Michelle Maier, University of Miami Janna Fuccillo, University of Miami

Exhibit Area: 47 Delaware

#### Instructional Effects on Achievement Growth of Children With Learning Difficulties in Mathematics

Presenters: George Farkas, Pennsylvania State University

**Paul Morgan, Pennsylvania State University** 

Exhibit Area: 48 Delaware

#### Is a "Floor" of Good Practice Necessary for Curriculum Implementation in Scaling Up?

Presenters: **Dale Farren**, Vanderbilt University

> Carol Bilbrey, Vanderbilt University Elizabeth Vorhaus, Vanderbilt University

Filiz Varol, Vanderbilt University *Kerry Hofer,* Vanderbilt University

*Mark Lipsey*, Center for Evaluation Research and Methodology,

Vanderbilt University

Exhibit Area: 49 Delaware

10:15 a.m. - 11:45 a.m. Thursday, June 7, 2007

**Location: Virginia A** 

Subject: Reading and Writing, Reading and Writing Teacher Quality,

National Research and Development Centers, Regional Educational

Laboratories (REL), Special Education, and Others

#### Supplemental Educational Services in the Central Region: A Descriptive Analysis

Presenter: Zoe Barley, REL Central at McREL

Exhibit Area: 50 Virginia

## Teacher Quality in Preschool Language and Literacy: The Marriage of Professional Development and Instructional Coaching

Nancy Clark-Chiarelli, Education Development Center, Inc. Presenters:

> Joanne Brady, Education Development Center, Inc. Julie Hirschler, Education Development Center, Inc.

Exhibit Area: 51 Virginia

#### Teaching Reading Comprehension Strategies

Gregory Sales, Seward Incorporated Presenters:

Frances Lawrenz, University of Minnesota

Exhibit Area: 52 Virginia

## **Evidence-Based Practices for Literacy Instruction for Children With Cognitive Disabilities:** Methods and Research

Presenters: Jill Allor, Southern Methodist University

> Patricia Mathes, Southern Methodist University Francesca Jones, Southern Methodist University

Exhibit Area: 53 Virginia

#### Development of an Empirically Based Vocabulary Curriculum

Presenter: Dennis Ciancio, Children's Learning Institute

Exhibit Area: 55 Virginia

## Developing the Literacy Instruction Knowledge Scale (LIKS) for Measuring Teacher Knowledge of Reading and Writing Instruction in Grades 1-3

Presenters: **D.** Ray Reutzel, Utah State University

**Richard Sudweeks, Brigham Young University** 

John Smith, Utah State University

Exhibit Area: 56 Virginia

## The REL-Southeast's Randomized Control Trial (RCT) of the Alabama Mathematics, Science and Technology Initiative (AMSTI)

Presenters: *Richard Sawyer,* Academy for Educational Development

*Denis Newman,* Empirical Education Inc. *Andrew Jaciw,* Empirical Education Inc.

**Pam Finney**, SERVE Center at University of North Carolina-Greensboro

Ludy van Broekhuizen, SERVE Center at University of North

Carolina-Greensboro

Exhibit Area: 57 Virginia

#### High School Standards and Expectations for College and the Workplace

Presenter: **John Kendall,** REL Central at McREL

Exhibit Area: 58 Virginia

#### High School Dropout and Completion Rates in the Central Region: A Descriptive Study

Presenters: **Bruce Randel, REL Central at McREL** 

Laurie Moore, REL Central at McREL Pam Blair, REL Central at McREL

Exhibit Area: 59 Virginia

## The REL-Southeast's Randomized Control Trial (RCT) of the Sheltered Instruction Observation Protocol (SIOP)

Presenters: Kim Anderson, SERVE Center at University of North Carolina-Greensboro

Micheline Chalhoub-DeVille, SERVE Center at University of North

Carolina-Greensboro

Carolyn Layzer, Abt Associates

Ludy van Broekhuizen, SERVE Center at University of North

Carolina-Greensboro

Exhibit Area: 60 Virginia

## The REL-Southeast's Randomized Control Trial (RCT) of a Program to Accelerate Vocabulary Development in Kindergarten

Presenters: *Joan McLaughlin*, Abt Associates

Paula Schwanenflugel, University of Georgia

Pam Finney, SERVE Center at University of North Carolina-Greensboro

Ludy van Broekhuizen, SERVE Center at University of North

Carolina-Greensboro

Exhibit Area: 61 Virginia

# Development of a Culturally-Based Language and Vocabulary Intervention for Elementary School Children With Language Impairments and Children Who Are at High Risk for Developing Learning Disabilities

Presenters: **Diane Loeb**, University of Kansas

**Debora Daniels**, University of Kansas

Exhibit Area: 62 Virginia

## Evaluation of the Effectiveness of an Early Literacy Program for Students With Significant **Developmental Disabilities Using Group Randomized Trial Research**

Presenters: Claudia Flowers, University of North Carolina-Charlotte

Ginevra Courtade, University of North Carolina-Charlotte

Exhibit Area: 63 Virginia

## Intervention Effects of the Rural Early Adolescent Learning Program: Student Social Adjustment and Perceptions of the Classroom Environment

Presenters: Jill Hamm, National Research Center on Rural Education Support

> Thomas Farmer, National Research Center on Rural Education Support **Dylan Robertson**, National Research Center on Rural Education Support Kimberly Dadisman, National Research Center on Rural Education Support

Exhibit Area: 64 Virginia

### Improving Young Deaf Children's Emergent Literacy Skills: A Preliminary Report

Presenters: Amy Lederberg, Georgia State University

> Susan Easterbrooks, Georgia State University Carol McDonald Connor, Florida State University

Jessica Page, Georgia State University Elizabeth Miller, Florida State University

Exhibit Area: 65 Virginia

## Enhancing the Quality of Expository Text Instruction and Comprehension Through Content and Case-Situated Professional Development

Presenters: **Deborah Simmons,** Texas A&M University

Glenda Byrns, Texas A&M University

Exhibit Area: 66 Virginia

#### **Embedding Text Structure Training in Social Studies Instruction**

Presenters: Joanna Williams, Teachers College, Columbia University

> Simonne Pollini, Teachers College, Columbia University Abi Nubla-Kung, Teachers College, Columbia University Anne Snyder, Teachers College, Columbia University Amaya Garcia, Teachers College, Columbia University Amy Endo, Teachers College, Columbia University J. Grant Atkins, Teachers College, Columbia University Hsiao-Ling Weng, Teachers College, Columbia University

Exhibit Area: 67 Virginia

#### **Characteristics of Literacy Coaching With Head Start Teachers**

Presenters: **Elizabeth Benedict**, Purdue University

> **Douglas Powell**, Purdue University **Karen Diamond,** Purdue University

Exhibit Area: 68 Virginia

## Evaluating the Effectiveness of Reading Interventions for Students With Mild Mental Retardation: Year 1

Presenters: *Rose Sevcik*, Georgia State University

*Justin Wise,* Georgia State University *Robin Morris,* Georgia State University *MaryAnn Romski,* Georgia State University

Exhibit Area: 69 Virginia

#### Multiple-Component Remediation for Struggling Middle School Readers

Presenters: Robin Morris, Georgia State University

*Maureen Lovett*, Hospital for Sick Children, University of Toronto

Rose Sevcik, Georgia State University

Jan Frijters, Hospital for Sick Children, University of Toronto

Beth Calhous, Georgia State University

Exhibit Area: 70 Virginia

## Thursday, June 7, 2007 1:45 p.m. – 3:15 p.m.

**Location: Delaware Suite** 

Subject: Cognition and Student Learning (CASL), Reading and Writing,

Reading and Writing Teacher Quality, and Others

#### Individualizing Student Instruction: Causal Implications of Child X Instruction Interactions

Presenters: Carol McDonald Connor, Florida State University, Florida Center for

Reading Research

*Frederick Morrison,* University of Michigan *Barry Fishman,* University of Michigan

Christopher Schatschneider, Florida State University, Florida Center for

Reading Research

Exhibit Area: 1 Delaware

## Integrating Conceptual Foundations in Mathematics Through the Application of Principles of Perceptual Learning

Presenters: *Philip Kellman*, University of California-Los Angeles

Christine Massey, University of Pennsylvania

Exhibit Area: 2 Delaware

## The Learning Advantage From Guided Cognition Homework Persists and Influences Future Thinking

Presenters: William B. Whitten, II, Graduate School of Education, Fordham University

*Mitchell Rabinowitz*, Graduate School of Education, Fordham University

Exhibit Area: 3 Delaware

## Rocket Reader: A PDA-Based Portable Reading System for Enabling Access to Audio Books and Electronic Documents for Individuals With Intellectual Disabilities

Presenter: Daniel Davies, AbleLink Technologies, Inc.

Exhibit Area: 4 Delaware

## Year 2 of a Randomized Trial of Two Promising Interventions for Students With Attention Problems

Presenters: **Desiree Murray**, Duke Medical Center

> David Rabiner. Duke Medical Center Ann Skinner. Duke Medical Center

5 Delaware Exhibit Area:

### Using Television to Expand the Vocabulary of Early Readers

Presenter: Daniel Shanahan, Sirius Thinking, Ltd.

Exhibit Area: 6 Delaware

## Efficacy of Reading Apprenticeship Professional Development for High School History and Science Teaching and Learning

Cynthia Greenleaf, WestEd Presenters:

Steve Schneider, WestEd

Exhibit Area: 8 Delaware

#### Recent Reading and Language Learning Studies Done With REAP

Presenters: Jamie Callan, Carnegie Mellon University

> *Maxine Eskenazi*, Carnegie Mellon University *Charles Perfetti*, University of Pittsburgh

Exhibit Area: 9 Delaware

#### Learning Science From Text: The Importance of Grounding Written Words

Presenters: Erica (Kesin) Richmond, University of Wisconsin-Madison

> *Megan Brown*, University of Wisconsin-Madison Arthur Glenberg, University of Wisconsin-Madison

Exhibit Area: 10 Delaware

## Embedded Classroom Multimedia: Improving Implementation Quality and Student Achievement in a Cooperative Writing Program

Presenters: Robert Slavin, CRRE, Johns Hopkins University

*Nancy Madden*, Success For All Foundation

Bette Chambers, CRRE, Johns Hopkins University

Exhibit Area: 11 Delaware

## The Writing Intensive Reading Comprehension Study: What the WIRC Data Tell Us About Reading-Writing Connections

Presenters: Jaekyung Lee, University at Buffalo, State University of New York

> Janina Brutt-Griffler, University at Buffalo, State University of New York Timothy Madigan, University at Buffalo, State University of New York

*Jeff Fox*, University at Buffalo, State University of New York Jim Collins, University at Buffalo, State University of New York

Exhibit Area: 12 Delaware

## Advancing the Math Skills of Low-Achieving Adolescents in Technology-Rich **Learning Environments**

Presenters: Brian Bottge, University of Wisconsin-Madison

Enrique Rueda, University of Wisconsin-Madison Ana Stephens, University of Wisconsin-Madison

Exhibit Area: 13 Delaware

## Improving Comprehension Online: The Role of Vocabulary vs. Strategy Support in a Universally Designed Scaffolded Reading Environment for Monolingual and Bilingual Fifth Grade Students

Presenters: Bridget Dalton, Center for Applied Special Technology

**Patrick Proctor**, Boston College

Paola Uccelli, Harvard Graduate School of Education Elaine Mo, Center for Applied Special Technology

14 Delaware Exhibit Area:

#### Content-Focused Coaching for High Quality Reading Instruction

Presenters: *Lindsay Clare Matsumura*, University of Pittsburgh

Donna DiPrima Bickel, Learning Research and Development Center,

University of Pittsburgh

Brian Junker, Carnegie Mellon University

Lauren Resnick, Learning Research and Development Center, University

of Pittsburgh

Exhibit Area: 15 Delaware

#### Dynamically Modifying the Learning Trajectory of Novices

Presenters: Carole Beal, University of Southern California

**Ronald Stevens,** University of California-Los Angeles

18 Delaware Exhibit Area:

### Stereotype Threat and Working Memory: Mechanisms, Alleviation, and Spill Over

Presenters: Sian Beilock, University of Chicago

Robert Rydell, University of California-Santa Barbara

Allen McConnell, Miami University of Ohio

19 Delaware Exhibit Area:

## Scientific Misconceptions and Learned Inattention: Overshadowing and Overcoming Overshadowing

Andrew Heckler, Ohio State University Presenters:

*Vladimir Sloutsky*, Ohio State University

Exhibit Area: 20 Delaware

#### Web-Based Tutorials to Improve Argumentative Evaluation

Presenters: *M. Anne Britt*, Northern Illinois University

Jennifer K. Storey, Northern Illinois University

*Kris Kopp*, Northern Illinois University

*Srikanth Dandotkar*, Northern Illinois University

Exhibit Area: 21 Delaware

## The Contribution of Teacher Knowledge About Reading to Gains in Student Achievement in First, Second, and Third Grades

Joanne Carlisle, University of Michigan Presenters:

> Brian Rowan, University of Michigan Ben Kelcey, University of Michigan Geoffrey Phelps, University of Michigan

Exhibit Area: 38 Delaware

#### Literacy Coaching as a Component of Professional Development in Reading

Presenters: *Joanne Carlisle*, University of Michigan

Daniel Berebitsky, University of Michigan

Exhibit Area: 39 Delaware

### The Nuestros Niños Early Language and Literacy Project

Presenter: Dina Castro, University of North Carolina-Chapel Hill

Exhibit Area: 40 Delaware

#### Coh-Metrix: Automated Measures of Text Difficulty

Presenters: Danielle McNamara, University of Memphis

> *Phil McCarthy*, University of Memphis Arthur Graesser, University of Memphis *Max Louwarse*, University of Memphis

Exhibit Area: 41 Delaware

### Enhancing Knowledge Related to Research-Based Early Literacy Instruction Among **Pre-Service Teachers**

**Donna Scanlon,** University at Albany, State University of New York Presenters:

> Lynn Gelzheiser, University at Albany, State University of New York *Frank Vellutino*, University at Albany, State University of New York Virginia Goately, University at Albany, State University of New York

Exhibit Area: 42 Delaware

## How Long Does It Take? Examining Changes in Teacher Knowledge, Teacher Practices and Student Achievement During a Two-Year Professional Development Project on Teaching Reading

Presenters: Susan Brady, Haskins Laboratories

> *Margie Gillis*, Haskins Laboratories Caitlin Dillon, Haskins Laboratories

Exhibit Area: 43 Delaware

## The CLIMBERs Study: The Impact of One Year of Breakthrough to Literacy in Preschool

Presenters: Beth Boulay, Abt Associates

> Carolyn Layzer, Abt Associates Richard Hurtig, University of Iowa Nancy Jackson, University of Iowa

Exhibit Area: 45 Delaware

#### First Year Effects of a Professional Development Intervention With Head Start Teachers

Presenters: **Douglas Powell,** Purdue University

Karen Diamond, Purdue University

Margaret Burchinal, University of North Carolina-Chapel Hill

Exhibit Area: 46 Delaware

## The Pathway Project: A Cognitive Strategies Approach to Reading and Writing Instruction for **Teachers of Secondary English Language Learners**

Presenter: Carol Olson, University of California-Irvine

Exhibit Area: 47 Delaware

#### Teacher Licensure and Student Achievement

Presenter: Richard Buddin, RAND Corporation

Exhibit Area: 48 Delaware

## Standards-Based Differentiated ELD Instruction to Improve English Language Arts **Achievement for ELLs**

Presenters: Anastasia Amabisca, Center for Language Minority Education & Research,

California State University-Long Beach

Claude Goldenberg, Center for Language Minority Education & Research,

California State University-Long Beach

Exhibit Area: 49 Delaware

#### Thursday, June 7, 2007 1:45 p.m. – 3:15 p.m.

**Location: Delaware Suite** 

Subject: Research by Students in Predoctoral Interdisciplinary Research

**Training Programs** 

#### **Optimizing Student Models for Causality**

Presenter: Benjamin Shih, Carnegie Mellon University

Exhibit Area: 7 Delaware

## Examining Core Reading Curriculums: Relations Between Instructional Materials, Student Level of Reading Achievement, and Oral Reading Fluency

Presenters: Elizabeth Crowe, Florida State University

Carol McDonald Connor, Florida State University

Exhibit Area: 16 Delaware

## The Effects of Performance Pressure on Math Problem Solving

Presenter: Andrew Mattarella-Micke, University of Chicago

Exhibit Area: 17 Delaware

#### School Readiness: A New Observational Measure of Children's Classroom Interactions

Presenters: Olivia Lima, University of Virginia

> Jason Downer, University of Virginia *Emily Gerber,* University of Virginia Robert C. Pianta, University of Virginia

Exhibit Area: 22 Delaware

#### Comparing the Relationship of Different Phonological Awareness Tasks to Early Reading Skills

Presenters: **Sarah Kershaw**, Florida State University

Christopher Schatschneider, Florida State University

Exhibit Area: 23 Delaware

#### **Concepts or Procedures? Making the Most of Self-Explanations**

Presenter: **Percival Matthews**, Vanderbilt University

Exhibit Area: 24 Delaware

#### Adaptive Support for Cultural Discussion

Presenter: Amy Ogan, Carnegie Mellon University

Exhibit Area: 25 Delaware

### **University of Chicago Predoctoral Training Program**

Presenter: Linda Suriyakham, University of Chicago

Exhibit Area: 26 Delaware

#### Effects of Coaching on Teacher Behaviors and Student Outcomes

Presenters: *Mark La Venia*, Florida State University

> **Shauna Wilson,** Florida State University **David Purpura**, Florida State University Christopher Lonigan, Florida State University

*Laura Lang*, Florida State University

Exhibit Area: 27 Delaware

#### Why Do Young Children Explore?

Presenter: Jamie Jirout, Carnegie Mellon University

Exhibit Area: 28 Delaware

### Spatial Ability and Geometry Achievement

Presenter: Yvonne Kao, Carnegie Mellon University

Exhibit Area: 29 Delaware

## Pre-Kindergarteners' Academic Gains and Social Outcomes Based on Observed Classroom **Quality Profiles**

Presenters: **Timothy Curby**, University of Virginia

**Jennifer LoCasale-Crouch**, University of Virginia

Timothy Konold, University of Virginia Robert C. Pianta, University of Virginia

Exhibit Area: 30 Delaware

#### Stability and Change in Classroom Quality Across a Half-Day in Pre-Kindergarten

Presenters: **Timothy Curby,** University of Virginia

**Kevin J. Grimm,** University of Virginia

Exhibit Area: 31 Delaware

### Quasi-Experiments and Randomized Field Trials: Causal Inferences in Studies of **Achievement Interventions**

Presenters: Virginia Clinton, University of Minnesota

> Charles Fehr, University of Minnesota **Rolf Larsen**, University of Minnesota Ben Seipel, University of Minnesota **Beng Chang**, University of Minnesota

*Kristine Holleque*, University of Minnesota

Exhibit Area: 32 Delaware

#### Using Differential Step Functioning (DSF) to Refine the Analysis of DIF in Polytomous Items: An Illustration

Presenters: Karina Alvarez, University of Miami

Randall Penfield, University of Miami

Exhibit Area: 33 Delaware

## The Longitudinal Relationship Between Early Language Ability and Pro-Social Behavior in **Elementary School in a High-Risk Sample**

Presenters: Ann-Marie Faria, University of Miami

Marygrace Yale-Kaiser, University of Miami

Maria Labre, University of Miami

Exhibit Area: 34 Delaware

## From Application to Practice: Does Practitioner Application of Data Analysis Skills Impact Their Gain in Knowledge?

Presenters: **Shana Goldwyn,** Florida State University

Laura Lang, Florida State University

Exhibit Area: 35 Delaware

### Profiles of Executive Functions and the Relationship to Longitudinal Reading Achievement

Presenters: Virginia Vitiello, University of Miami

Daryl Greenfield, University of Miami

Exhibit Area: 36 Delaware

## The Effects of Gender and Socioeconomic Status on Math Achievement From Kindergarten Through Fifth Grade

Presenters: Sarah Vagi, University of Miami

Virginia Vitiello, University of Miami

Exhibit Area: 37 Delaware

#### Thursday, June 7, 2007 1:45 p.m. – 3:15 p.m.

Location: Virginia A

Subject: Policy and Leadership, Social and Character Development (SACD),

Special Education, National Research and Development Centers,

and Others

## The Targeted Reading Intervention: Assessment-Based Teacher Strategies for Struggling Readers in Early Elementary School

Presenters: Lynne Vernon-Feagans, University of North Carolina

> Kathleen Gallagher, University of North Carolina *Marnie Ginsburg*, University of North Carolina Steve Amendum, University of North Carolina

Exhibit Area: 50 Virginia

## College Preparatory Curriculum for All: Implementation and Effects of Raising High School Graduation Requirements on Ninth Grade Coursework and Outcomes in Chicago

Presenters: Takako Nomi, University of Chicago

> *Nick Montgomery*, University of Chicago Valerie Lee, University of Michigan **John Easton,** University of Chicago

Exhibit Area: 51 Virginia

## Cost Accounting for Student-Level Resources

Presenters: William Hartman, Pennsylvania State University

> *Gary Shaffer*, Pennsylvania State University Eric Zelanko, Pennsylvania State University

Exhibit Area: 52 Virginia

## Magnet Schools, Peer Effects, and Student Achievement

Presenters: **Dale Ballou,** Vanderbilt University

Keke Liu, Vanderbilt University

Exhibit Area: 53 Virginia

## Study of the Efficacy of the North Carolina Learn and Earn Early College High School Model-Research Design and Results of Pilot

Presenters: *Julie Edmunds*, SERVE Center at University of North Carolina at Greensboro

Larry Bernstein, Abt Associates

Elizabeth Glennie, North Carolina Education Research Data Center

Exhibit Area: 54 Virginia

#### The Effects of Exit Exam Performance on Student Outcomes

Presenters: Paco Mortorell, RAND Corporation

Damon Clark, University of Florida

Exhibit Area: 55 Virginia

#### An Experimental Design Evaluation of Full Day Kindergarten

Presenters: Jonathan Plucker, Center for Evaluation and Education Policy

> *Courtney Brown*, Center for Evaluation and Education Policy **Patricia Muller,** Center for Evaluation and Education Policy Matthew Makel, Center for Evaluation and Education Policy

Exhibit Area: 56 Virginia

## National Center on School Choice: Examining Schooling Conditions Under Which Choice May Be Effective

Presenters: *Mark Berends*, Vanderbilt University

> Dale Ballou, Vanderbilt University *Ellen Goldring*, Vanderbilt University

Exhibit Area: 57 Virginia

#### **CALDER: A Program of Research Using Large Administrative Databases**

Presenters: Jane Hannaway, The Urban Institute

> Helen Ladd, Duke University *Nancy Chan,* The Urban Institute Tim Sass, Florida State University

Exhibit Area: 58 Virginia

### The National Effectiveness Study of First Step to Success

Presenters: Mary Wagner, SRI International

Hill Walker, Oregon Research Institute

W. Carl Sumi, SRI International

John Seeley, Oregon Research Institute

Exhibit Area: 59 Virginia

## Adaptive Pharmacological and Behavioral Treatments for Children With ADHD: Sequencing, Combining, and Escalating Doses

Presenters: William Pelham, Jr., University at Buffalo, State University of New York

> Gregory Fabiano, University at Buffalo, State University of New York *James Waxmonsky*, University at Buffalo, State University of New York Andrew Greiner, University at Buffalo, State University of New York

Exhibit Area: 60 Virginia

#### Evaluation of a School-Based Violence Prevention Intervention for Middle School Students

Presenters: Suyapa Silvia, RTI International

William Hansen, Tanglewood Research, Inc.

Chris Ringwalt, Pacific Institute for Research and Evaluation

Jim Trudeau, RTI International Kimrey Millar, RTI International Linda Bailey-Stone, RTI International

Exhibit Area: 61 Virginia

## The Effects of Strategy and Self-Regulation Instruction on Students' Writing Performance and **Behavior: Preliminary Findings of Project WRITE**

Kathleen Lane, Vanderbilt University Presenters:

> Karen Harris, Vanderbilt University Steve Graham, Vanderbilt University

Exhibit Area: 62 Virginia

## PATHS to Children's Social and Character Development: Preliminary Effects on Students' Social Information Processing Abilities

Presenters: Hugh F. Crean, Children's Institute

> Emma Forbes-Jones, Children's Institute Aaron P. Metzger, Children's Institute

Exhibit Area: 63 Virginia

## Concurrent Schedules of Reinforcement and Adjusting Demand Requirements: A Summary of Year 1 Data

Presenters: **Stephanie Peterson,** Idaho State University

Jessica Frieder, Idaho State University

Exhibit Area: 64 Virginia

## The Impact of the Positive Action Program on Student Outcomes: Results From Years 1 and 2 of a Matched-Pairs Randomized Trial

Presenters: **David DuBois**, University of Illinois-Chicago

Brian Flay, Oregon State University

Vanessa Brechling, University of Illinois-Chicago

Peter Ji, University of Illinois-Chicago

Exhibit Area: 65 Virginia

## Development and Validation of a Screener for Behavioral and Emotional Problems in Elementary and Middle School: First Year Findings

Presenters: *Randy Kamphaus*, University of Georgia

*Christine DiStefano*, University of Georgia *Meghan Van Deventer*, University of Georgia

Kristen Mays, University of Georgia

Exhibit Area: 66 Virginia

## Influencing and Understanding Change in Parent-Teacher Relationships Through Consultation-Based Interventions

Presenters: Susan Sheridan, University of Nebraska-Lincoln

*Todd Glover,* University of Nebraska-Lincoln *James Bovaird,* University of Nebraska-Lincoln

Exhibit Area: 67 Virginia

## How Should We Organize Primary Schooling? Grade Span, School Size, and Student Academic Performance

Presenters: Leanna Stiefel, Wagner School, New York University

*Emily Schwartz*, Institute for Education and Social Policy, New York University

Exhibit Area: 68 Virginia

#### Effective School Leaders: What They Do and the Difference They Make

Presenters: Janet Quint, MDRC

Shelley Rappaport, MDRC Cynthia Willner, MDRC

Exhibit Area: 69 Virginia

#### Paired Randomization for Greater Precision in Local RCTs

Presenters: *Andrew Jaciw*, Empirical Education Inc.

Denis Newman, Empirical Education Inc.

Exhibit Area: 70 Virginia

Thursday, June 7, 2007 3:30 p.m. – 5:00 p.m.

**Location: Delaware Suite** 

Subject: Cognition and Student Learning (CASL), Math and Science

**Teacher Quality, and Others** 

### A Learning by Teaching Approach to Help Students Develop Self-Regulatory Learning Skills in Middle School Science Classrooms

Gautam Biswas, Vanderbilt University Presenters:

> **Daniel Schwartz**, Stanford University **Kefon Catley,** Vanderbilt University

Exhibit Area: 1 Delaware

## Breaking the Vicious Cycle: Understanding the Effects of Stereotype Threat on Females' Performance and Learning in College-Level Math

Jennifer Mangels, Columbia University Presenters:

Catherine Good, Barnard College

Brian Maniscalco, Columbia University

Carol Dweck, Stanford University

Exhibit Area: 2 Delaware

## Fostering the Early Operation Sense and Skill of Grade 1 At-Risk Children

Presenters: *Arthur Baroody*, University of Illinois

> Brad Thompson, University of Illinois Michael Eiland, University of Illinois Yingying Feil, University of Illinois

Exhibit Area: 3 Delaware

#### How Teachers Use Gestures and Speech to Link Mathematical Ideas

Presenters: Martha Alibali, University of Wisconsin

> Mitchell Nathan, University of Wisconsin *Eric Knuth*, University of Wisconsin

**R.** Breckinridge Church, Northeastern Illinois University

*Matthew Wolfgram*, University of Wisconsin

Exhibit Area: 5 Delaware

#### Diagnostic Algebra Assessment Project

Presenters: *Michael Russell*, Boston College

> Joan Lucariello, Boston College Helena Miranda, Boston College Michele Tully, Boston College

Exhibit Area: 6 Delaware

#### An Experimental Study of the Effectiveness of Instructional Consultation Teams

Presenter: Sylvia Rosenfield, University of Maryland

Exhibit Area: 9 Delaware

### Improving the Mathematical Content Base of Lesson Study

Presenters: Catherine Lewis, Mills College

**Rebecca Perry,** Mills College

Exhibit Area: 10 Delaware

## Capturing Teacher Knowledge: Using Video Clips of Classroom Instruction as Item Prompts to **Elicit Teacher Knowledge of Teaching Mathematics**

Presenters: Nicole Kersting, LessonLab Research Institute

> Karen Givvin, LessonLab Research Institute Rossella Santagata, LessonLab Research Institute

Exhibit Area: 11 Delaware

## Improving Content-Focused and Video-Based Professional Development: What Challenges Teachers Encounter and How They Can Be Addressed

Presenters: Rossella Santagata, University of California-Irvine

> Karen Givvin, LessonLab Research Institute Nicole Kersting, LessonLab Research Institute

Exhibit Area: 12 Delaware

## Foundations of Science Literacy: Physical Science in the Preschool Classroom

Nancy Clark-Chiarelli, Education Development Center, Inc. Presenters:

> *Jess Gropen*, Education Development Center, Inc. Ingrid Chalufour, Education Development Center, Inc.

Exhibit Area: 13 Delaware

## Integrating Science and Diversity in Pre-Service Teacher Education: The CREDE Five Standards for Effective Pedagogy

Presenters: *Trish Stoddart*, University of California-Santa Cruz

> *Marco Bravo*, San Francisco State University *Jorge Solis*, University of California-Berkeley

Roland Tharp, University of California-Santa Cruz

Exhibit Area: 14 Delaware

### Item Characteristics and Task Conditions That Predict Forgetting

Presenters: Shana Carpenter, University of California-San Diego

> Hal Pashler, University of California-San Diego John Wixted, University of California-San Diego Ed Vul, Massachusetts Institute of Technology

Exhibit Area: 18 Delaware

## Supplemental Repeated Reading Instruction for Second and Third Graders With Low Reading Fluency: Interactions With Classroom Reading Instruction

Presenters: Elizabeth Sanders, Washington Research Institute

Patricia Vadasy, Washington Research Institute

Exhibit Area: 19 Delaware

#### Contexts That Support Transfer of Scientific Knowledge

Presenters: *Ji Son,* Indiana University

**Robert Goldstone**, Indiana University

Exhibit Area: 20 Delaware

## Enhancing Self-Reflection and Mathematics Achievement of At-Risk Students at an Urban Technical College

Presenters: Barry Zimmerman, City University of New York

> *Adam Moylan*, City University of New York John Hudesman, City University of New York

Exhibit Area: 21 Delaware

### Does Test Expectancy Influence Metacomprehension Accuracy?

Presenters: **Keith Thiede**, Boise State University

> Jennifer Wiley, University of Illinois-Chicago Thomas Griffin, University of Illinois-Chicago

Exhibit Area: 22 Delaware

#### Test-Enhanced Learning in the Classroom: The Columbia Middle School Project

Presenters: *Mark McDaniel*, Washington University

> *Kathleen McDermott*, Washington University Henry Roeidger, Washington University **Pooja Agarwal**, Washington University

Exhibit Area: 23 Delaware

#### **Neural Markers of Effective Learning**

Presenters: John Anderson, Carnegie Mellon University

**Andrea Stocco**, Carnegie Mellon University

Exhibit Area: 24 Delaware

#### Transforming Instruction by Design in Earth Science (TIDES)

Presenter: Lawrence Gallagher, SRI International

Exhibit Area: 46 Delaware

#### Mentoring Teachers Through Pedagogical Content Knowledge Development

Presenters: Michelle Zuckerman-Parker, Allegheny-Singer Research Institute

Luanne Hall-Stoodley, Allegheny-Singer Research Institute

Exhibit Area: 47 Delaware

## Evaluating State Equity and Adequacy in School Resources and Math Achievement: Multi-Level Analyses of NAEP Linked to SASS and F-33

Jaekyung Lee, University at Buffalo, State University of New York Presenter:

Exhibit Area: 49 Delaware

> Thursday, June 7, 2007 3:30 p.m. - 5:00 p.m.

**Location: Delaware Suite** 

Subject: Research by Students in Predoctoral Interdisciplinary Research

**Training Programs** 

## School Competition and Educational Quality: Evidence From Milwaukee's Private School **Voucher Program**

Presenter: Nicholas Mader, University of Wisconsin-Madison

Exhibit Area: 7 Delaware

## Evaluating Abstinence and Behavior Change for Youth (ABY) Programs in Uganda and Zambia

Presenters: David Seidenfeld, University of Pennsylvania

Clarisse Haxton, University of Pennsylvania

Exhibit Area: 8 Delaware

#### Motivated Responses to Incomprehension: How Regulatory Focus Influences Learning

Presenters: David Miele, Northwestern University

> Daniel Molden, Northwestern University Wendi Gardner, Northwestern University

Exhibit Area: 30 Delaware

## Primary Grade Teachers' Instructional Adaptations for Poorer Spellers: A National Survey

Presenter: Paul Morphy, Vanderbilt University

Exhibit Area: 31 Delaware

## The Effectiveness of Vocabulary Instruction on Vocabulary and Comprehension Ability in **Elementary School Students: A Meta-Analytic Review**

Presenters: Caroline Phythian-Sence, Florida State University, Florida Center for

Reading Research

Richard K. Wagner, Florida State University, Florida Center for

Reading Research

Exhibit Area: 32 Delaware

#### The Effect of Temperament on Classroom Behavior and School Readiness

Presenters: Olga Moas, University of Miami

> Pelin Munis, University of Miami Daryl Greenfield, University of Miami Heather Henderson, University of Miami

Exhibit Area: 33 Delaware

### Starting School at Four: The Effect of Universal Pre-Kindergarten on Children

Presenter: Maria Fitzpatrick, University of Virginia

Exhibit Area: 34 Delaware

### Comprehension Assessment: A Multi-Level Approach

Presenters: *Erin K. Thompson*, Florida State University, Florida Center for Reading Research

Richard K. Wagner, Florida State University, Florida Center for Reading Research

Exhibit Area: 35 Delaware

## Teacher Participation in a Cluster Randomized Trial of a Professional Development Program in Science: Who Elects the Treatment?

Presenters: Jeffrey Grigg, University of Wisconsin

> Paul Hanselman, University of Wisconsin Sarah Bruch, University of Wisconsin

Exhibit Area: 36 Delaware

#### The Federal Growth Model Pilot Program: Is It on Track to Be Proficient by 2013-14?

Presenter: Michael Weiss, University of Pennsylvania

Exhibit Area: 37 Delaware

#### Designing an Experimental Evaluation of Career Academies in Philadelphia

Clarisse Haxton, University of Pennsylvania, Graduate School of Education Presenters:

> Whitney LaBoeuf, University of Pennsylvania, Graduate School of Education Rebecca Maynard, University of Pennsylvania, Graduate School of Education

Exhibit Area: 38 Delaware

### Differential Item Functioning in a Large-Scale Preschool Science Assessment

Presenters: Ariela Greenberg, University of Miami

> Randall Penfield, University of Miami Daryl Greenfield, University of Miami

Exhibit Area: 39 Delaware

## Shyness, Student-Teacher Relationships, and Contingent Interactions Between Students and **Teachers in the Kindergarten Classroom**

Presenter: Lori Nathanson, University of Virginia

Exhibit Area: 40 Delaware Divide and Conquer: Categorization Training Improves Representations of Numerical Magnitude

Presenters: Elida V. Laski, Carnegie Mellon University

**Robert S. Siegler,** Carnegie Mellon University

Exhibit Area: 41 Delaware

> 3:30 p.m. – 5:00 p.m. Thursday, June 7, 2007

Location: Virginia A

Subject: Preschool Curriculum Evaluation Research (PCER),

Reading and Writing, Reading and Writing Teacher Quality,

Math and Science, and Others

Scaling Up TRIAD: Early Descriptive Data and Innovative Software for Professional Development

Presenters: **Douglas Clements**, University at Buffalo, State University of New York

*Julie Sarama*, University at Buffalo, State University of New York

Exhibit Area: 50 Virginia

The Portsmouth Project of Granite Ladders: Creating High-Quality Emergent Literacy Opportunities in Preschool

Presenters: Leigh Rohde, Institute on Disability, University of New Hampshire

**Ruth Wharton-McDonald**, University of New Hampshire

Exhibit Area: 51 Virginia

Professional Development in Reading First: School Level and Teacher Level Variables Related to Student Outcomes

Presenters: *Alsia Roehrig*, Florida State University

> Mary Brownell, University of Florida *Kyle Freedman,* Florida State University

Exhibit Area: 52 Virginia

Developing Reading Comprehension Assessments Targeting Struggling Readers: An Overview and Some Findings So Far

Presenters: John Sabatini, Educational Testing Service

> Kathy Sheehan, Educational Testing Service **Paul Deane**, Educational Testing Service **Tenaha O'Reilly,** Educational Testing Service

Exhibit Area: 53 Virginia

## Using Cognitive Science to Inform Reading Comprehension Interventions for Struggling, Average, and Good Readers

Presenters: Paul Van Den Broek, University of Minnesota

> Kristen McMaster, University of Minnesota David Rapp, Northwestern University

> Panayiota Kendeou, University of Minnesota

Exhibit Area: 54 Virginia

## Structure Strategy Delivered With or Without Elaborated Feedback or Choice: Effects of Web-**Based Tutoring on Reading Comprehension and Motivation**

Presenters: Bonnie J. F. Meyer, Pennsylvania State University

> Kay Wijekumar, Pennsylvania State University Wendy Middlemiss, Pennsylvania State University

**Kelli Hegley,** Pennsylvania State University

Exhibit Area: 55 Virginia

## School-Based Literacy Coaches' Use of a Web-Based System of Video Cases, Tools, and Discussion Space to Support Professional Development Work With Teachers

Presenters: Lisa Walker, University of Chicago

> **David Kershaw**, University of Chicago Anthony Bryk, Stanford University

Exhibit Area: 56 Virginia

## Adapting and Expanding ICARE, an Independent Reading Evaluation System

Presenters: **Barbara Wise,** University of Colorado

> Tammy Tomczyk, University of Colorado Luann Sessions, University of Colorado *Lynn Snyder,* University of Colorado

Jariya Tuantranont, University of Colorado

*Nattawut Ngampatipatpong*, University of Colorado

Tim Weston, University of Colorado *Nicole Sager*, University of Colorado Gordon Golding, University of Colorado

Exhibit Area: 58 Virginia

#### Evaluating the Efficacy of Read Well Kindergarten

Presenters: Barbara Gunn, Oregon Research Institute

> Keith Smolkowski, Oregon Research Institute Patricia Vadasy, Washington Research Institute

Exhibit Area: 59 Virginia

### Changes in Preschool Teachers' Perceptions as a Result of Constructivist Curriculum Training

Presenters: Wayne Mayfield, University of Missouri

> *Johnetta Morrison*, University of Missouri Kathy Thornburg, University of Missouri *Jacqueline Scott*, University of Missouri

Exhibit Area: 60 Virginia

## A Longitudinal Study of the Effects of a Pre-Kindergarten Mathematics Curriculum on Low-Income Children's Mathematical Knowledge

Presenters: **Prentice Starkey,** University of California-Berkeley

> Alice Klein, University of California-Berkeley **Roopa Iyer,** University of California-Berkeley

**Douglas Clements,** University at Buffalo, State University of New York

Exhibit Area: 61 Virginia

## Effects of Strategies and Content Approaches to Comprehension Instruction

Presenters: *Margaret McKeown*, University of Pittsburgh

> *Isabel Beck*, University of Pittsburgh *Maria Barron*, University of Pittsburgh **Ronette Killcrece**, University of Pittsburgh

Exhibit Area: 62 Virginia

## Using Growth Mixture Modeling to Identify Patterns of Early Reading Development for **English Learners**

Presenters: Anne Hafner, California State University, Los Angeles

> Jonah Schlackman, California State University, Los Angeles **Sharon Ulanoff**, California State University, Los Angeles

Exhibit Area: 63 Virginia

#### Origins of Individual and Developmental Differences in Reading Comprehension

Presenter: **Richard K. Wagner,** Florida State University

Exhibit Area: 64 Virginia

## Computerized Psycholinguistic Assessment of Written and Spoken Language Skills in Middle School Students: Pilot Data

Presenters: Gloria Waters, Sargent College, Boston University

David Caplan, Massachusetts General Hospital

Exhibit Area: 65 Virginia

Scaling Up Kindergarten Peer-Assisted Learning Strategies (K-PALS): Studies of Control Students' Reading Progress Over Eight Years of Relations Between Professional Development and Student Responsiveness to K-PALS; and K-PALS Effects on English-Language Learners

Presenters: **Douglas Fuch,** Vanderbilt University

> Kristen McMaster, University of Minnesota Laura Saentz, University of Texas-Pan American

*Mark Berends*, Vanderbilt University

Exhibit Area: 66 Virginia

## Contextual Effects on Predicting Risk for Reading Difficulties in First and Second Grade

Presenters: Barbara Foorman, Florida State University

> Mary York, University of Houston *Kristi Santi*, The Santi Group

**David Francis**, University of Houston

Exhibit Area: 67 Virginia

## Embedding Knowledge-Focused Reading Comprehension Strategies in Cumulative Content-Area Instruction in Grades 3-4-5: Immediate, Transfer, and Long-Term Impact on Reading Achievement

Presenters: *Nancy Romance*, Florida Atlantic University

Michael Vitale, East Carolina University

Exhibit Area: 68 Virginia

## Assessing Multiple Source Comprehension: A Preliminary Student Model

Presenters: Kimberly Lawless, University of Illinois-Chicago

> Susan Goldman, University of Illinois-Chicago Kimberly Gomez, University of Illinois-Chicago

Exhibit Area: 69 Virginia

#### Friday, June 8, 2007 8:30 a.m. - 10:00 a.m.

**Location: Delaware Suite** 

Subject: Social and Character Development (SACD), Special Education,

National Research and Development Centers, and Others

## Enhancing the Individualized Education Programs of Children With ADHD Using a Daily Report Card Procedure

Presenters: *Gregory Fabiano*, University at Buffalo, State University of New York

> William Pelham, Jr., University at Buffalo, State University of New York Daniel Waschbusch, University at Buffalo, State University of New York Greta Massetti, University at Buffalo, State University of New York

2 Delaware Exhibit Area:

### I in the IEP: Student Led IEP Meetings

Presenters: Kelly Roberts, University of Hawaii-Manoa

Robert Stodden, University of Hawaii-Manoa

Exhibit Area: 3 Delaware

# Early Family Intervention and School Readiness: The Effects of the EcoFIT Model on Positive Parenting and Language Development in Early Childhood

Presenters: *Erika S. Lunkenheimer*, University of Oregon

Arin Connell, University of Oregon Thomas J. Dishion, University of Oregon Scott Spaulding, University of Oregon

Exhibit Area: 4 Delaware

# Preliminary Results From a Randomized Study of the Partnerships for Inclusion Model of On-Site Quality Enhancement

Presenters: *Iheoma Iruka*, University of North Carolina-Chapel Hill

Donna Bryant, University of North Carolina-Chapel Hill

Exhibit Area: 5 Delaware

## The Prevent-Teach-Reinforce Model: A Teacher-Driven Tertiary Positive Behavior Support Process

Presenters: **Rose Iovannone**, University of South Florida

*Carie English,* University of South Florida *Don Kincaid,* University of South Florida

Exhibit Area: 8 Delaware

#### Enhancing Student Achievement Through Online Learning

Presenters: Wallace Hannum, National Research Center on Rural Education

Research Support

Ionathan Banks, National Research Center on Rural Education

Research Support

*Matt Irvin,* National Research Center on Rural Education Research Support *Julie Keane,* National Research Center on Rural Education Research Support

Exhibit Area: 11 Delaware

#### An Overview of Project MOSAIC: Methods, Measures, and Curricular Implementation

Presenters: *Beth Phillips*, Florida State University

Christopher Lonigan, Florida State University

**Barbara Goodson**, Abt Associates

Debbie Leong, Metropolitan College of Denver

Exhibit Area: 18 Delaware

#### Promoting Oral Language and Emergent Literacy in Preschoolers With Disabilities: Initial Findings

Presenters: *M. Jeanne Wilcox*, Arizona State University

**Shelley Gray,** Arizona State University

Exhibit Area: 19 Delaware

## The Early Reading Intervention: Examination of Curriculum Efficacy, Durability, and Intensity

Presenters: Shanna Hagan-Burke, Texas A&M University

> Caitlin Johnson, Texas A&M University *Michael Coyne*, University of Connecticut Athena Lentini, University of Connecticut

Exhibit Area: 20 Delaware

## Quantity and Quality of Implementation of the 4Rs Program and Traditional Practice: Links to Teacher and Classroom Characteristics

Presenters: *Stephanie Jones,* Fordham University

> Joshua Brown, New York University Lawrence Aber, New York University

Exhibit Area 38 Delaware

## Experimental Impacts of the 4Rs Program on Children's Social-Emotional and Academic Functioning and Classroom Climate Over the Course of One Year

Presenters: Joshua Brown, New York University

> Stephanie Jones, Fordham University Lawrence Aber, New York University

Exhibit Area: 39 Delaware

## First Year Progress of a Universal Cognitive-Behavioral Intervention for Elementary Students to Reduce Disruptive/Aggressive Behavior

Presenters: Stephen W. Smith, University of Florida

> Ann Daunic, University of Florida Greg Taylor, University of Florida Brian Barber, University of Florida

Exhibit Area: 40 Delaware

## Teacher Fidelity in Use of Behavior Management Strategies: Relationships Among Observations, Self-Report, and Children's Disruptive Behavior

Presenters: Greta Massetti, University at Buffalo, State University of New York

> William Pelham, Jr., University at Buffalo, State University of New York Daniel Waschbusch, University at Buffalo, State University of New York

Exhibit Area: 41 Delaware

## Classroom Context, Engagement, and Academic Achievement in Early Adolescence

Presenters: Aryn Dotterer, University of North Carolina

Margaret Burchinal, University of North Carolina

Exhibit Area: 42 Delaware

### Preliminary Results From the First Steps to Success Behavior Research Center

Presenters: Edward Feil, Oregon Research Institute

> Hill Walker, Oregon Research Institute John Seeley, Oregon Research Institute Herbert Severson, Oregon Research Institute

Loretta Serna, Oregon Research Institute and University of New Mexico

Exhibit Area: 43 Delaware

## Are Inattentive-Impulsive-Overactive Behaviors and Oppositional-Defiant Behaviors Unique **Predictors of Classroom and School Impairment?**

Presenters: Daniel Waschbusch, University at Buffalo, State University of New York

> William Pelham, Jr., University at Buffalo, State University of New York Greta Massetti, University at Buffalo, State University of New York

Exhibit Area: 44 Delaware

## The Academic and Behavioral Competencies Program: A School-Wide Comprehensive **Behavioral Intervention**

Presenters: **William Pelham, Jr.,** University at Buffalo, State University of New York

> Greta Massetti, University at Buffalo, State University of New York **Daniel Waschbusch**, University at Buffalo, State University of New York

Exhibit Area: 45 Delaware

## Evaluating the Impact of Developmental Education in Higher Education Using Quasi-**Experimental Designs**

Presenters: **Thomas Bailey,** Community College Research Center

Juan Carlos Calcagno, Community College Research Center

Exhibit Area: 46 Delaware

## Learning Communities Demonstration: Evaluation of a Promising Model for Preparing Low-Skilled Students to Transition and Succeed in College

Presenters: Bethany Miller, National Center for Postsecondary Research

Kate Gualtieri, National Center for Postsecondary Research

Exhibit Area: 47 Delaware

#### School-Wide Findings: Student Behavior, Support Needs, and School Climate

Presenters: **Scott Spaulding,** University of Oregon

> Robert Horner, University of Oregon Larry Irvin, University of Oregon Seth Mary, University of Oregon

Exhibit Area: 48 Delaware

#### 8:30 a.m. - 10:00 a.m. Friday, June 8, 2007

Location: Delaware Suite

Subject: Research by Students in Predoctoral Interdisciplinary Research

**Training Programs** 

## **Tuition and Wealth at American Colleges**

Presenter: Pablo Pena, University of Chicago

Exhibit Area: 7 Delaware

## Teacher Mobility and Movement in Urban Schools

Presenters: Gabriel Quintana, University of Miami

Alejandra Salinas, University of Miami

Exhibit Area: 22 Delaware

## A Multi-Level Analysis of Charter School Development: Isolating State and Local Effects on the **Prevalence of District-Operated Charters**

Presenters: *Joshua Cowen*, University of Wisconsin-Madison

David Fleming, University of Wisconsin-Madison

Exhibit Area: 23 Delaware

## Gender and Delay of Gratification in High-Risk Children

Shira Kolnik, University of Miami Presenters:

Ann-Marie Faria, University of Miami

Marygrace Yale-Kaiser, University of Miami

Exhibit Area: 24 Delaware

#### College Crowd-In: How Private Donations Affect Alumni Giving

Presenter: Michael Gottfried, The Wharton School, University of Pennsylvania

Exhibit Area: 25 Delaware

## The Effect of the Behavior Management and Emotional Warmth Environments on Preschoolers' **Academic Progress Through First Grade**

Presenter: Kerry Hofer, Vanderbilt University

Exhibit Area: 26 Delaware

#### Do the Good Ones Go Fast? Education, Merit Aid, and Marriage Outcomes

Presenter: Benjamin Passty, Northwestern University

Exhibit Area: 27 Delaware

## Variation in New Teachers' Induction Experience and Contributions to Self-Efficacy, Reflection, Quality, and Retention

Presenters: Jennifer LoCasale-Crouch, University of Virginia

Robert C. Pianta, University of Virginia, Center for Advanced Study of

Teaching and Learning (CASTL)

Exhibit Area: 28 Delaware

## School Funding Systems and Their Implications for Equity

Presenter: Erica Johnson, University of Pennsylvania

Exhibit Area: 29 Delaware

## Effects of Transitional Bilingual Education, Two-Way Bilingual, and Structured English Immersion Programs on the Literacy and Oracy of Spanish-Dominant Children

Presenter: Steven Alvarado, University of Wisconsin

Exhibit Area: 30 Delaware

### Assessment Component Creation for Professional Development Courses in Software Architecture

Presenter: Elspeth Golden, Carnegie Mellon University

Exhibit Area: 31 Delaware

#### Chain Reaction: How Teacher Communication Influences Attitude

Presenters: Russell Cole, University of Pennsylvania

*Elliot Weinbaum*, Consortium for Policy Research in Education

Exhibit Area: 32 Delaware

#### Interest Development, Achievement, and Continuing Motivation: The Pivotal Role of Utility Value

Chris Hulleman, University of Wisconsin-Madison Presenters:

**Brian An,** University of Wisconsin-Madison

**Bryan Hendricks**, University of Wisconsin-Madison Judith Harackiewicz, University of Wisconsin-Madison

Exhibit Area 33 Delaware

## Can Behavioral Problems Be Impacted by an Early Literacy Intervention?

Presenters: **David Purpura**, Florida State University

Christopher Lonigan, Florida State University

Exhibit Area: 34 Delaware

## Testing Assumptions Behind the Analysis of Statistical Power: The Case of Elementary Science Achievement in Los Angeles

Presenters: Jill Bowdon, University of Wisconsin-Madison

*Jeffrey Grigg*, University of Wisconsin-Madison

Exhibit Area: 35 Delaware

## Responding to Joint Attention (RJA) as a Predictor of Language and Cognitive Outcomes at 36 Months in a Sample of Infants at Risk Due to Prenatal Cocaine Exposure

Presenters: **Dolores Farhat**, University of Miami

Marygrace Yale-Kaiser, University of Miami

Exhibit Area: 36 Delaware

## The Relation of Child Characteristics, Literacy Experiences, and Emergent Literacy Skills in **Children With Language Impairment**

Presenters: Anita McGinty, University of Virginia

> Laura Justice, University of Virginia Sonia Cabell, University of Virginia

Exhibit Area: 37 Delaware

#### **Friday, June 8, 2007** 8:30 a.m. - 10:00 a.m.

**Location: Virginia A** 

Cognition and Student Learning (CASL), Math and Science,

Math and Science Teacher Quality, and Others

## Experimental Evaluation of a Research-Based Pre-K Math Curriculum

**Douglas Clements,** University at Buffalo, State University of New York Presenters:

*Julie Sarama*, University at Buffalo, State University of New York

Exhibit Area: 50 Virginia

#### The Best-Evidence Encyclopedia: Accessible Reviews of Research on Educational Programs

Presenters: Robert Slavin, Johns Hopkins University

*Cynthia Lake*, Johns Hopkins University

Exhibit Area: 51 Virginia

## Utah's Improving Teacher Quality Initiative: School-Based Reform in Science Education

Presenters: *Carla Johnson*, University of Toledo

Jamison Fargo, Utah State University

Exhibit Area: 52 Virginia

#### Relationship Between Number Knowledge and Children's Naturalistic Play With Number Blocks

Presenters: *Linda Liu Hand*, Northwestern University

> **Alison Lewis**, Northwestern University *Judy DeLoache*, University of Virginia **David Uttal, Northwestern University**

Exhibit Area: 53 Virginia

### **Evaluating Math Pathways & Pitfalls: Lessons Learned About Implementing a Large Scale Study**

Presenters: Carne Clarke, WestEd

Thomas Hanson, WestEd

Exhibit Area: 54 Virginia

## Numbers Plus: Developing a Comprehensive High/Scope Curriculum in Early Mathematics

Presenters: *Elena Malofeeva*, High/Scope Educational Research Foundation

*Marijata Daniel-Echols*, High/Scope Educational Research Foundation

Ann Epstein, High/Scope Educational Research Foundation

Exhibit Area: 55 Virginia

# Using Web-Based Cognitive Assessment Systems for Predicting Student Performance on State Exams

Presenters: Kenneth Koedinger, Carnegie Mellon University

Brian Junker, Carnegie Mellon University
Neil Heffernan, Worcester Polytechnic Institute

Steven Ritter, Carnegie Learning Inc.

Exhibit Area: 56 Virginia

### Metacognition and Control in Grades 3 and 5 Children

Presenters: **Bridgid Finn**, Columbia University

*Umrao Sethi*, Columbia University

Exhibit Area: 57 Virginia

#### Molecules & Minds: Optimizing the Visual Design of Simulations for Chemistry Education

Presenters: *Jan Plass*, New York University

Bruce Homer, New York University Catherine Milne, New York University Trace Jordan, New York University Minchi Kim, New York University

Exhibit Area: 58 Virginia

# Investigating the Efficacy of a Professional Development Program in Classroom Assessment for Middle School Reading and Mathematics

Presenters: *Christina Schneider*, CTB McGraw-Hill

Patrick Meyer, James Madison University

Dawn Mazzie, South Carolina Department of Education

Exhibit Area: 59 Virginia

#### Classroom Connectivity in Promoting Mathematics and Science Achievement: Year 1 Results

Presenters: Stephen Pape, University of Florida

**Douglas Owens,** The Ohio State University **Karen E. Irving,** The Ohio State University

Christy Kim Boscardin, University of California-Los Angeles/CRESST

Exhibit Area: 60 Virginia

## Motivation for Learning Science: Is There a Gender Gap in Kindergarten?

Presenters: *Helen Patrick,* Purdue University

> **Panayota Mantzicopoulos,** Purdue University Ala Samarapungavan, Purdue University

Exhibit Area: 61 Virginia

## When It Pays to Compare: Experimental Evidence for When and How Comparison Facilitates **Mathematics Learning**

Presenters: Jon Star, Michigan State University

**Bethany Rittle-Johnson**, Vanderbilt University

Kosze Lee, Michigan State University Anna Krueger, Vanderbilt University Kosze Chang, Michigan State University

Exhibit Area: 62 Virginia

## Testing the Impact of a Pre-Kindergarten Mathematics Curriculum: Findings From the Evaluation of the Big Math for Little Kids Curriculum (Year 1)

Presenters: Ashley E. Lewis, EDC's Center for Children and Technology

Ellen B. Mandinach, EDC's Center for Children and Technology

Exhibit Area: 63 Virginia

### Morphological Processing in Children's Reading: Links to Reading Skill

Presenter: **Deborah McCutchen**, University of Washington

Exhibit Area: 64 Virginia

## Combining Retrieval Practice and Active Processing to Improve Student Learning of Course Material

Presenters: Katherine Rawson, Kent State University

John Dunlosky, Kent State University

Exhibit Area: 65 Virginia

#### Using Feedback to Improve Grade-School Students' Metacomprehension

Presenters: *John Dunlosky*, Kent State University

*Katherine Rawson*, Kent State University

Exhibit Area: 66 Virginia

## Training in Experimental Design (TED): Developing Scalable and Adaptive Computer-Based Science Instruction

Presenters: Mari Strand Cary, Carnegie Mellon University

> Stephanie Siler, Carnegie Mellon University Cressida Magaro, Carnegie Mellon University David Klahr, Carnegie Mellon University

Exhibit Area: 67 Virginia

### Getting Fractions Right With TechPALS

Presenters: Jeremy Roschelle, SRI International

Ken Rafanan, SRI International

Exhibit Area: 68 Virginia

## Why Some Children Benefit From Intervention but Others Do Not: The Role of Emotional Skills and Parental Involvement

Presenters: Roopa Iyer, University of California-Berkeley

> **Prentice Starkey,** University of California-Berkeley Alice Klein, University of California-Berkeley

Exhibit Area: 69 Virginia

## Scaling Up the Implementation of a Pre-Kindergarten Mathematics Curriculum in Public **Preschool Programs**

Presenters: *Alice Klein,* University of California-Berkeley

**Prentice Starkey,** University of California-Berkeley

Victoria Molfese, University of Louisville E. Todd Brown, University of Louisville

Exhibit Area: 70 Virginia

#### Friday, June 8, 2007 10:15 a.m. - 11:45 a.m.

Location: Delaware Suite

Reading and Writing, Reading and Writing Teacher Quality,

and Others

## Fusion Reading: The Development and Validation of an Adolescent Reading **Comprehension Program**

*Michael Hock*, University of Kansas, Center for Research on Learning Presenters:

Irma Brasseur, University of Kansas, Center for Research on Learning

Exhibit Area: 9 Delaware

#### Postsecondary Content-Area Reading-Writing Intervention: Development and Test

Presenter: **Dolores Perin,** Teachers College, Columbia University

Exhibit Area 10 Delaware

## The New Literacy of Online Reading Comprehension: Teaching Internet Comprehension to Adolescents (TICA)

Presenters: *Julie Coiro*, University of Connecticut

Jackie Malloy, Clemson University

Exhibit Area: 11 Delaware

## Creating a Longitudinal Metric for Early Literacy Development: An IRT Analysis of DIBELS and Terra Nova in Grades K-3

Presenters: David Kerbow, Center for Urban School Improvement

Gina Biancarosa, Stanford University

Stuart Luppescu, Consortium on Chicago School Research

Anthony Bryk, Stanford University

Exhibit Area: 12 Delaware

## Direct Vocabulary Intervention in Kindergarten: Investigating Transfer Effects

Presenters: *Michael Coyne*, University of Connecticut

> *Richard Zipoli, Jr.*, University of Connecticut Susan Loftus, University of Connecticut *Sharon Kapp*, University of Connecticut

Exhibit Area: 13 Delaware

## "It's All About the Kinds of Questions I Ask!": Supporting the Learning of Reading Teachers Through a Model of Intensive Professional Development

Presenters: *Misty Sailors*, University of Texas-San Antonio

Lucretia Fraga, University of Texas-San Antonio

Exhibit Area: 15 Delaware

### iSTART: Working Toward an Integrated Classroom Reading Strategy ITS

Presenter: **Danielle McNamara**, University of Memphis

Exhibit Area: 39 Delaware

#### The CLIMBERs Study: The Impact of One or Two Years of Breakthrough to Literacy on Teachers

Presenters: Carolyn Layzer, Abt Associates

**Beth Boulay,** Abt Associates

Richard Hurtig, University of Iowa *Nancy Jackson*, University of Iowa

Exhibit Area: 42 Delaware

#### Confronting Reading and Writing in the Content Areas

Presenters: **Robert Calfee**, University of California-Riverside

**Roxanne Miller,** Chapman University

Kimberly White-Smith, Chapman University

Sally Thomas, Chapman University

Exhibit Area: 43 Delaware

## Development of Emergent Writing and Its Relationship to Oral Language and Reading Skills in Preschool Children

Presenters: Cynthia Puranik, Florida State University, Florida Center for Reading Research

Christopher Lonigan, Florida State University, Florida Center for Reading Research

Exhibit Area: 46 Delaware

### Assessing the Reliability of the Reading Strategy Assessment Tool

Presenters: Keith Millis, Northern Illinois University

> Joseph Magliano, Northern Illinois University Sara Gilliam, Northern Illinois University Paul Perry, Northern Illinois University

47 Delaware Exhibit Area:

## Words of Oral Reading and Language Development (WORLD): Accelerating Language Development by Intensifying the Quality of a Preschool-Based Shared Book Reading

Presenters: Jorge Gonzalez, Texas A&M University

**Deborah Simmons,** Texas A&M University

**Sharolyn Pollard-Durodola**, Texas A&M University

**Leslie Simmons,** Texas A&M University

Exhibit Area: 49 Delaware

#### 10:15 a.m. - 11:45 a.m. **Friday, June 8, 2007**

Location: **Delaware Suite** 

Subject: Research by Students in Predoctoral Interdisciplinary Research

**Training Programs** 

#### Toddlers' Imitation of New Skills From Video in Home and Lab Environments

Presenters: Gabrielle Strouse, Vanderbilt University

*Georgene Troseth,* Vanderbilt University

Exhibit Area: 2 Delaware

#### Small Words, Big Challenges: Identifying the Difficulties in Learning the English Article System

Presenter: **Ruth Wylie**, Human-Computer Interaction Institute (HCII),

Carnegie Mellon University

Exhibit Area: 3 Delaware

## Aligning Curricular and Technology Design: A Case Study

Presenter: *Tom Lauwers*, Carnegie Mellon University

Exhibit Area: 4 Delaware

#### Effect of Consistent Preschool and Kindergarten Classroom Quality on Child Outcomes

Presenters: Anne E. Henry, University of Virginia

> **Kevin J. Grimm**, University of Virginia Robert C. Pianta, University of Virginia

Exhibit Area: 5 Delaware

## Using Causal Models to Diagram Policy Arguments: An Interface for an Intelligent **Argumentation Tutor**

Presenter: Matthew Easterday, Carnegie Mellon University

Exhibit Area: 6 Delaware

## Developmental Needs and Student Engagement in an Alternative High School: Preliminary Findings From an Ethnographic Study

Jeffrey Jones, University of Virginia Presenter:

Exhibit Area: 16 Delaware

## The Relationship Between Psychosocial and Academic Measures for School Completers, Dropouts, and Students Involved in Dropout Prevention Programs: A Longitudinal Analysis

Presenter: *Jeffrey Jones*, University of Virginia

Exhibit Area: 17 Delaware

### Exploring the Relationship Between Plans and Outcomes in Adolescents

Presenter: Constance Lindsay, Northwestern University

Exhibit Area: 18 Delaware

#### Individual Differences in Inference Generation

Presenter: *Heather Mirous*, Northwestern University

Exhibit Area: 19 Delaware

## The Contributions of Hot and Cool Executive Function to Children's Academic Achievement and Adaptive Classroom Behavior in Kindergarten

Presenters: Laura Brock, University of Virginia

Sara Rimm-Kaufman, University of Virginia

Xitao Fan, University of Virginia Robert Berry, University of Virginia Laura Justice, University of Virginia

20 Delaware Exhibit Area:

#### Oral Reading Fluency Growth in Beginning Readers

Presenters: Brooke Soden Hensler, Florida State University

Christopher Schatschneider, Florida State University

Exhibit Area: 21 Delaware

#### Attention Deficits in Women With High-ADHD-Traits Are Not Limited to Vigilance and Inhibition

Presenters: *KatieAnn Skogsberg*, Northwestern University

> Lucia Iordanescu, Northwestern University *Marcia Grabowecky*, Northwestern University Satoru Suzuki, Northwestern University

Exhibit Area: 22 Delaware

### Parsing Achievement Gaps: Evidence From the ECLS-K

Presenter: Irma Perez-Johnson, University of Pennsylvania

Exhibit Area: 23 Delaware

## Development of Alphabetic Knowledge: Effects of Letter Properties, Child Characteristics, and Their Interactions

Presenters: Shayne Piasta, Florida State University, Florida Center for Reading Research

Richard K. Wagner, Florida State University, Florida Center for

Reading Research

24 Delaware Exhibit Area:

### Comparing Assessment Strategies for Prereaders' Phonological Sensitivity Measures

Presenters: **Patricia Thatcher Kantor**, Florida State University

**Richard Wagner**, Florida State University

Exhibit Area: 25 Delaware

## Temperament Differences in Children's Approaches to Learning Behaviors

Presenter: Pelin Munis, University of Miami

Exhibit Area: 26 Delaware

## Questioning Social Capital: Is It the Missing Link in Understanding Early School Outcomes?

Presenter: Laura Holian, University of Virginia

Exhibit Area: 27 Delaware

#### Institutional Characteristics and Degree Completion Across Student and College Types

Presenters: Lisbeth Goble, Northwestern University

**Ann Person,** Northwestern University

James Rosenbaum, Northwestern University

28 Delaware Exhibit Area:

#### The Effects of Early Maternal Depression on Child Cognitive Development at 5th Grade

Presenters: **Kristen Jamison,** University of Virginia

Tina Stanton-Chapman, University of Virginia

**Derek Chapman**, Virginia Commonwealth University

Exhibit Area: 29 Delaware

#### Putting Socio-Cognitive Conflict In Context: Disagreements Are More Threatening in Competition

Presenters: Sheree Schrager, University of Wisconsin-Madison

Céline Darnon, Université Blaise Pascal

Judith Harackiewicz, University of Wisconsin-Madison

Exhibit Area: 30 Delaware

## Behavior Problems in Preschool: Do They Predict Cognitive Outcomes?

Presenters: **Shauna Wilson,** Florida State University

**David Purpura**, Florida State University

Christopher Lonigan, Florida State University, Florida Center for

Reading Research

Exhibit Area: 31 Delaware

## Face Processing Ability as a Predictor of Communication Skills in Students With Autism

Presenters: Camilla Hileman, University of Miami

Lisa Newell, University of Miami

*Mark Jaime*, Florida International University

**Peter Mundy**, University of Miami

Exhibit Area: 33 Delaware

### Child Well-Being and Mothers: Is It Just Age?

Presenter: M. C. Bradley, University of Pennsylvania

Exhibit Area: 34 Delaware

## The Effects of a Vocabulary Instruction for Young Children With Limited English Proficiency

Presenters: *Mirza Lugo-Neris*, Florida State University

Carla Wood Jackson, Florida State University

Exhibit Area: 35 Delaware

## Exploring the Differences Between Serial and Isolated Naming: An Eye Movement Analysis

Jessica Logan, Florida State University Presenters:

> *Lauren Fiasconaro*, Florida State University Ralph Radach, Florida State University

Christopher Schatschneider, Florida State University

Exhibit Area: 36 Delaware

### IRT Modeling of Tutor Performance to Predict End-of-Year Exam Scores

Presenter: Elizabeth Ayers, Carnegie Mellon University

Exhibit Area: 37 Delaware



## PLENARY SESSION SPEAKER BIOGRAPHIES

## Jay Mathews

Jay Mathews is an education reporter and columnist for *The Washington Post*. He has been with the *Post* for 36 years. He has reported from China and California, and covered the stock market in New York. He has written books about China, disability rights, the Los Angeles math teacher Jaime Escalante, and the lack of challenge in most American high schools. His rating system for U.S. high schools, the Challenge Index, has been cited in hundreds of newspapers and appears regularly in *Newsweek*; the latest list was released last May.

Mr. Mathews' books on the U.S. education system include one on college admissions entitled, *Harvard* Schmarvard: Getting Beyond the Ivy League to the College That is Best for You, and one co-authored with Ian Hill on the International Baccalaureate program entitled, Supertest: How the International Baccalaureate Can Strengthen Our Schools. He is currently writing a book on Knowledge is Power Program (KIPP) schools in low-income neighborhoods throughout the country, and KIPP's two young founders.

His column, "Class Struggle," appears each Tuesday on the *Post's* website, www.washingtonpost. com. He won the Education Writers Association National Education Reporting Award for a series on retraining auto workers and the Benjamin Fine Award for Outstanding Education Reporting for both a feature story and a column on standardized testing. In 2005, Mr. Mathews received the Eugene Meyer Award, *The Washington Post's* top honor for distinguished service to the newspaper.

## Grover J. (Russ) Whitehurst

Grover J. (Russ) Whitehurst was appointed in 2002 to a six-year term as the first director of the Institute of Education Sciences-the research, evaluation, and statistics arm of the U.S. Department of Education. The Institute includes the National Center for Education Statistics, the National Center for Education Evaluation and Regional Assistance, the National Center for Education Research, and the National Center for Special Education Research. Dr. Whitehurst previously served as Assistant Secretary for the Office of Educational Research and Improvement, the predecessor to the Institute.

Just prior to beginning federal service, Dr. Whitehurst was Leading Professor of Psychology and Pediatrics and Chairman of the Department of Psychology at the State University of New York at Stony Brook. He also served on the faculty of the University of New South Wales in Australia and was Academic Vice President of the Merrill-Palmer Institute in Detroit. He was editor-in-chief of two leading scientific journals in his field: The Merrill-Palmer Quarterly of Behavior and Development and Developmental Review.

During his career as a researcher, Dr. Whitehurst was the author or editor of five books and published more than 100 scholarly papers on language and pre-reading development in children. One of the techniques he developed, dialogic reading, is a widely used method of shared picture book reading that enhances children's language development. His work to identify preschool predictors of reading achievement has influenced curriculum for Head Start and pre-K programs and has led to the development of screening instruments to identify children with low levels of reading readiness. Throughout his academic career, his research focused on the development of knowledge and programs that might have a direct influence on the lives of children and families. Those goals continue in his role as Institute director.

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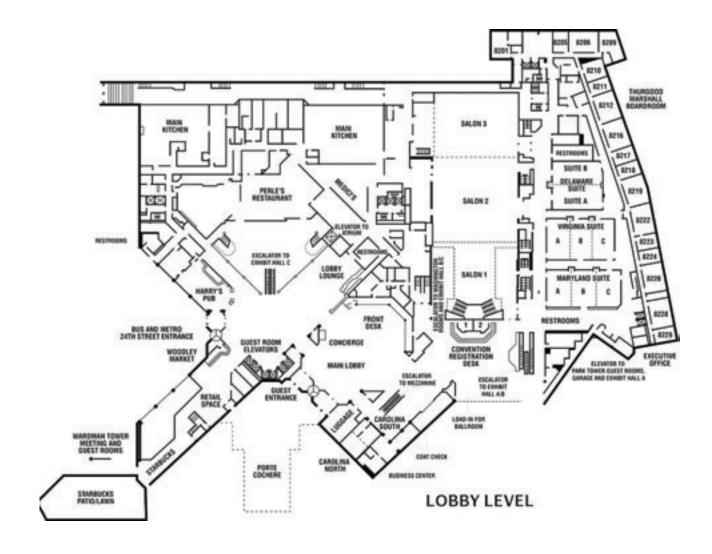
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# ZOOMED MAP THAT INCLUDES THE HOTEL

Marriott Wardman Park Hotel 2660 Woodley Road, N.W. Conference hotel

