## April 12, THURSDAY ALL DAY

Bayesian Networks in Educational Assessment (NCME Full Day Training Session)
8:00 a.m.-5:00 p.m., Hyatt Regency Plaza Ballroom A, AA
Participant: Robert Mislevy, ETS

## April 13, FRIDAY AFTERNOON

From the Common Core Standards to Rigorous Instructional Practice: Creating Knowledge Around the Development and Use of Formative Assessment Tools
12:00 p.m. - 1:30 p.m., Vancouver Convention Ctr/East Room 17
Knowledge Creation and Use in Assessment and Evaluation of Classroom-Based Formative Assessment Tools in Mathematics
Presenters: Joan L. Herman, UCLA, Julia C. Pehan, UCLA, Abby Reisman, UCLA and Eva L. Baker, UCLA

Issues and Trends in Early Childhood Professional Development
12:00 p.m. - 1:30 p.m., Vancouver Convention Centre, First Level - East Ballroom A
A Culturally Responsive Coaching Model for Culturally Responsive Teaching Practices: An Early Childhood Case Study
Presenter: Robert S. Rueda, USC

From Rural to Urban: Examining the Effectiveness of Innovative School Forms
2:15 p.m. - 3:45p.m., Vancouver Convention Ctr/East Room 10
An Evaluation of a Turnaround Charter School
Presenters: Jia Wang, UCLA and Joan L. Herman, UCLA

## April 14, SATURDAY MORNING

Sylvia Scribner Award Address: Richard Mayer
8:15 a.m. - 9:45a.m., Sheraton Wall Centre/North Grand Ballroom D
Participant: Richard Mayer, UC Santa Barbara

Division II Graduate Student Poster Session: Using Data to Drive Educational Success
10:35 a.m. - 12:05 p.m., Vancouver Convention Ctr/East Ballroom B
Using Data to Innovate: How Teachers Develop Student Assessment Systems to Advance New School Visions
Presenter: Jarod Kawasaki, UCLA

## April 14, SATURDAY AFTERNOON

Division II Section 3: Assessment in the Schools Poster Session I
12:25 p.m. - 1:55 p.m., Vancouver Convention Ctr/East Ballroom B
What Counts as Validity in the Assessment and Classification of English Language Proficiency?
Presenter: Alison L. Bailey, UCLA

Pedagogical Imagination: Using Knowledge to Inform, to Change, and to Improve Teaching and Learning
12:25 p.m. - 1:55 p.m., Vancouver Convention Ctr/West Ballroom B
Panel 2: Changing the Practice
Presenter: Eva L. Baker, UCLA

## April 14, SATURDAY AFTERNOON (cont.)

Special Populations: English Language Learners (NCME)
12:25 p.m. - 1:55 p.m., Hyatt Regency Oxford, C7
When to Exit ELL Students: Monitoring Subsequent Success and Failure in Mainstream Classrooms after ELLs’ Reclassification
Presenters: Jinok Kim and Joan Herman, UCLA

Effects of Individualized Feedback and Pedagogical Agents
12:25 p.m. - 1:55 p.m., Sheraton Wall Centre/South Blue Whale
Examining Feedback in an Instructional Video Game Using Process Data and Error Analysis
Presenters: Rebecca Buschang, UCLA and Deidre Kerr, UCLA, Gregory Chung, UCLA

Learning From Others: Advancing Theory and Research on Learning From Sources
12:25 p.m. - 1:55 p.m., Sheraton Wall Centre/North Grand Ballroom A
Using Media Production as a Lever for Critical Source Evaluation
Presenter: Jarod Kawasaki, UCLA

Comprehension During and After Reading
12:25 p.m. - 1:55 p.m., Sheraton Wall Centre/South Azure
Fostering Generative Learning Activities During Reading: An Experimental Test of the Generative Drawing Principle and the Prognostic Drawing Principle
Participant: Richard Mayer, UC Santa Barbara

The Use of Test Scores to Evaluate Educators
12:25 p.m. – 1:55 p.m., Hyatt Regency/ Georgia B
Best- and Worst-Case Scenarios for Test-Based Teacher Evaluation
Presenter: Lorrie Shepard, University of Colorado-Boulder

Division C, Section 3 Poster Session
2:15 p.m. - 3:45 p.m., Vancouver Convention Ctr/East Ballroom B
The Effects of a Formative Assessment Intervention on Student Understanding of Basic Mathematical Principles
Presenters: Eva L. Baker, UCLA, Yunyun Dai, UCLA and Terry Vendlinski, UCLA

Playing to Learn: Tech-Based Games and Cognitive Processes
2:15 p.m. - 3:45 p.m., Sheraton Wall Centre/South Pavilion Ballroom C
Against the One-Size-Fits-All Model: Designing Games for Learning to Support Students With Varying Academic Motivation
Presenter: Girle Delacruz, UCLA

Spatial Cognitive Skill and Video Game Performance: What’s the Connection?
Presenter: Richard Mayer, UC Santa Barbara

Research in Reading and Literacy SIG Roundtable 3: Reading and Writing
2:15 p.m. - 3:45 p.m., Sheraton Wall Centre/South Beluga
An Empirical Approach to Developing Learning Progressions for Reading
Presenter: Margaret Heritage, UCLA
April 14, SATURDAY AFTERNOON (cont.)

Division C, Section 3 Poster Session
2:15 p.m. - 3:45 p.m., Vancouver Convention Ctr/East Ballroom B
The Effects of a Formative Assessment Intervention on Student Understanding of Basic Mathematical Principles
Presenters: Julia C. Phelan and Joan L. Herman, UCLA

The Robert L. Linn Distinguished Address. Getting Serious About Test Score Reporting: One of the Keys to Successful Educational Reform
2:15 p.m. - 3:45 p.m., Vancouver Convention Ctr/West Room 109 & 110
Chair: Lorrie Shepard, University of Colorado-Boulder

A Public Hearing on the Gordon Commission on the Future of Assessment in Education
4:05 p.m. - 6:05 p.m., Vancouver Convention Ctr/West Ballroom C
Participant: Eva L. Baker, UCLA
Discussant: Robert Mislevy, University of Maryland

New International Developments and Cross-Validation in Constructive Knowledge Assessment and Rerepresentation
4:05 p.m. - 5:35 p.m., Pan Pacific/ Ocean View 7 & 8
Representation and Assessment of 21st-Century Skills
Participant: Harry O'Neil, USC

The Form and Function of Transfer in Diverse Contexts
4:05 p.m. - 5:35 p.m., Sheraton Wall Centre/South Pavilion Ballroom C
Bringing Problem-Solving Transfer to the Science of Instruction
Presenter: Richard Mayer, UC Santa Barbara

Learning From and With Peers
4:05 p.m. - 6:05 p.m., Sheraton Wall Centre/North Grand Ballroom A
Facilitating Productive Student Dialogue in Mathematics Classrooms
Presenter: Noreen Webb, UCLA

April 14, SATURDAY Evening
UCLA and CRESST Reception at AERA
7-10 p.m., Fairmont Hotel Pacific Ballroom

April 15, SUNDAY MORNING (cont.)

Measuring and Improving the Teaching Skills of Health Professions Faculty
10:35 a.m. - 12:05 p.m., Pan Pacific, Restaurant Level - Pacific Rim 2
Measuring and Improving the Teaching Skills of Health Professions Faculty
Presenter: Robert S. Rueda, USC

Literacy Then and Now: Distinguished Scholar Symposium in Honor of Daniel P. Rosnick and Lauren B. Resnick
10:35 a.m. - 12:05 p.m., Sheraton Wall Centre/North Grand Ballroom B
Discussant: Lorrie Shepard, University of Colorado-Boulder

Incentives and Test-Based Accountability in Education: The 2011 National Research Council Report and Beyond
10:35 a.m. - 12:05 p.m., Vancouver Convention Ctr/West Room 204
Participant: Brian Stecher, RAND Corporation

April 15, SUNDAY AFTERNOON

Utilizing Out-of-School Program Strategies to Reduce Risk and Promote Positive Social, Emotional, and Academic Outcomes
12:25 p.m. - 1:55 p.m., Sheraton Wall Centre/North Junior Ballroom B
Supporting Student Success in Middle Schools: Examining the Relationship Between Elementary Afterschool Program Participation and Subsequent Middle School Attainments
Presenter: Denise Huang, UCLA

12:25 p.m. - 1:55 p.m., Building/Room: Sheraton Wall Centre / South Pavilion Ballroom A
Presenter: Roy Levy, Arizona State University

Evaluating a Statewide Community-Based Initiative to Enhance School Readiness: A Kindergarten Profile
12:25 p.m. - 1:55 p.m., Marriott Pinnacle / Pinnacle III
Discussant: Robert S. Rueda, USC

April 15, SUNDAY MORNING (cont.)

Assessment of Linguistic Minorities: An International Perspective (AERA and NCME)
2:15 p.m. - 3:45 p.m., Hyatt Regency/Balmoral
Chair: Eva L. Baker, UCLA

Embedded Assessment in Innovative Digital Learning Environments
2:15 p.m. - 3:45 p.m., Hyatt Regency/ Regency EF
Presenter: Deirdre Kerr, UCLA

Cognitive Science Goes to College: Scaling Up What We Know About Learning and Instruction
2:15 p.m. - 3:45 p.m., Pan Pacific/ Ocean View 7 & 8
Discussant: Richard E. Mayer, UC Santa Barbara

Efforts to Improve Measurement Precision at the Lower End of the National Assessment of Educational Progress (NAEP) Scales (AERA and NCME)
2:15 p.m. - 3:45 p.m., Hyatt Regency/ Plaza C
Discussant: Lorrie Shepard, University of Colorado-Boulder

April 15, SUNDAY MORNING

NCME Breakfast
8:15 a.m. - 10:15 a.m., Hyatt Regency/Regency A
Participant: Robert Linn, University of Colorado – Boulder and Lorrie Shepard, University of Colorado-Boulder

Equitable Assessment of Special Populations (AERA & NCME)
10:35 a.m. - 12:05 p.m., Hyatt Regency/ Georgia B
How Accommodations Can Help in Making Assessments More Linguistically Accessible for ELL Students
Presenter: Jamal Abedi, UC Davis

April 15, SUNDAY MORNING (cont.)

Communications 201: Enhance Your Skills in Social Media, Presentations, and Working with the Media
8:00 a.m. – 12:00 p.m., Fairmont Waterfront, MacKenzie 1
Course Director/Presenter: Ron Dietel, UCLA

Improving Materials Development with Shareable Instructional Objects: Demonstration and Discussion
8:15 a.m. – 9:45 a.m., Pan Pacific/ Ocean View 7 & 8
Discussant: Eva L. Baker, UCLA

April 15, SUNDAY MORNING

Assessment of Linguistic Minorities: An International Perspective (AERA and NCME)
2:15 p.m. - 3:45 p.m., Hyatt Regency/Balmoral
Chair: Eva L. Baker, UCLA

Embedded Assessment in Innovative Digital Learning Environments
2:15 p.m. - 3:45 p.m., Hyatt Regency/ Regency EF
Presenter: Deirdre Kerr, UCLA

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2:15 p.m. - 3:45 p.m., Pan Pacific/ Ocean View 7 & 8
Discussant: Richard E. Mayer, UC Santa Barbara

Efforts to Improve Measurement Precision at the Lower End of the National Assessment of Educational Progress (NAEP) Scales (AERA and NCME)
2:15 p.m. - 3:45 p.m., Hyatt Regency/ Plaza C
Discussant: Lorrie Shepard, University of Colorado-Boulder
April 16, MONDAY MORNING

National Academy of Education Members Breakfast
8:00 a.m. - 9:30 a.m., TBD/ TBD Room
Participant: Lorrie Shepard, University of Colorado-Boulder

Students’ Diversity and Test Fairness
8:15 a.m. - 9:45 a.m., Marriott Pinnacle/ Shaughnessy I
Linguistic Complexity of the Assessments
Presenter: Jamal Abedi, UC Davis

Developing and Using Formative Assessments for English Language Learners
8:15 a.m. - 9:45 a.m., Marriott Pinnacle/ Dundarave
Teacher Use of Formative Assessment Data for English Language Learners
Presenter: Margaret Heritage, UCLA

Developing a Formative Academic Reading Comprehension Assessment for English Language Learners: A First-Year Pilot Study
Presenter: Mi Kyung Kim Wolf, Educational Testing Service

Advances in Psychometrics (AERA and NCME)
8:15 a.m. - 10:15 a.m., Hyatt Regency/ Plaza B
Second-Generation, Multidimensional, and Multilevel Item Response Modeling
Presenter: Li Cai, UCLA

National Academy of Education Board Meeting
10:00 a.m. - 1:00 p.m., TBD/ TBD Room
Participant: Lorrie Shepard, University of Colorado-Boulder

April 16, MONDAY MORNING (cont.)

Assessing Dimensionality in Compensatory Multidimensional Item Response Theory Models With Complex Structure
10:35 a.m. - 12:05 p.m., Building/Room: Marriott Pinnacle / Pinnacle I
Presenter: Roy Levy, Arizona State University

Plugged In: The Potential of Technological Innovations to Improve College Readiness, Access, and Success
10:35 a.m. - 12:05 p.m., Building/Room: Sheraton Wall Centre, Grand Ballroom Level - North Grand Ballroom A
Discussant: Robert S. Rueda, USC

Policy Issues Related to Instructional Practices and School Environments
10:35 a.m. - 12:05 p.m., Vancouver Convention Ctr/ East Room 19 & 20
Policy Implications of Different Approaches to Describing the Accuracy of School and Classroom Environment Measures
Presenter: Jonathan Schweig, UCLA

Embedded Assessment within Innovative Digital Learning Environments: A Methodological Case Study
10:35 a.m. - 12:05 p.m., Hyatt Regency/ Plaza A
Evidence Centered Design of Complex Assessment Systems
Presenter: Robert J. Mislevy, University of Maryland

Testlet Effects: Theory & Practice (NCME)
Monday, 10:35 a.m. - 2:05 p.m., Hyatt Regency Plaza Ballroom B, L2
Presenter: Li Cai, University of California, Los Angeles
The Potential of Local Dependence Diagnostics to Inform or Mislead

April 16, MONDAY MORNING (cont.)

Evaluating the Effectiveness of Innovative Programs for Secondary and Postsecondary Students
10:35 a.m. - 12:05 p.m., Marriott Pinnacle/ Shaughnessy II
How Are After-School Programs Working at High Schools?
Presenter: Jia Wang, UCLA

Exploring the Current Status of Formative Assessments in California’s P-12 Schools as Compared with Schools Nationwide: A National Science Foundation-Funded Project
12:25 p.m. - 1:55 p.m., Pan Pacific/ Ocean View 1 & 2
How Formative Assessment in Mathematics Can Help Improve Student Performance in Summative Assessments
Presenter: Jamal Abedi, UC Davis

Reliability and Standard Error Estimation (NCME)
12:25 p.m. - 1:55 p.m., Hyatt Regency, Oxford, M6
Variability of Estimates in Generalizability Theory: A Simulation Based Confidence Interval for Reliability Coefficients
Presenter: Li Cai, University of California, Los Angeles

12:25 p.m. - 1:55 p.m., Vancouver Convention Ctr/ East Room 14
Chair, Discussant: Brian Stecher, RAND Corporation

Understanding the Cognitive Processes Tapped by Complex Assessments
2:15 p.m. - 3:45 p.m., Sheraton Wall Centre/South Pavilion Ballroom B
The Effect of In-Game Errors on Learning Outcomes
Presenter: Gregory Chung, UCLA

Validity of Accommodations for English Language Learners in NAEP
2:15 p.m. - 3:45 p.m., Marriott Pinnacle/ Ambleside
Effectiveness, Validity, and Comparability of Accommodated and Non-accommodated Assessments for English Language Learner Students in NAEP
Presenter: Jamal Abedi, UC Davis

Investigating the Effects of Direct Linguistic Support Accommodations for English Language Learner Students on a Mathematics Assessment
Presenter: Mi Kyung Kim Wolf, Educational Testing Service

Division H Section 1 Poster
2:15 p.m. - 3:45 p.m., Vancouver Convention Ctr/ East Ballroom B
Principal Effectiveness in California Elementary Schools
Presenter: Pete Goldschmidt, Cal State Northridge

GSC Division H Fireside Chat: Your First School Research Position: Insight and Advice From Veterans in the Field
4:05 p.m. - 5:35 p.m., Marriott Pinnacle/ Ambleside
Participant: Lorrie Shepard, University of Colorado-Boulder

Understanding the Cognitive Processes Tapped by Complex Assessments
2:15 p.m. - 3:45 p.m., Building/Room: Sheraton Wall Centre/South Pavilion Ballroom B
Author on paper: The Effect of In-Game Errors on Learning Outcomes
### CRESST Colleagues and Partners at AERA and NCME

**April 13, 2012 - April 17, 2012**

#### April 16, MONDAY AFTERNOON (cont.)

**Measuring Growth: The Challenges, Possibilities, and Political Implications of Measuring Teacher Effectiveness**

4:05 p.m. - 6:05 p.m., Vancouver Convention Ctr/ West Room 116 & 117

*The Relationship Between Reduction in Force (RIF) Policy and Teacher Effectiveness*

Presenter: Pete Goldschmidt, Cal State Northridge

**Orientation Session for Newly Appointed Committee Chairs and Members**

5:30 p.m. - 6:30p.m., Pan Pacific/ Ocean View 6

Participants: Joan L. Herman, UCLA, Harry O’Neil, UCLA, and Richard Mayer, UC Santa Barbara

#### April 17, TUESDAY MORNING

**Technological Advances in Qualitative Inquiry and Visual Methods**

8:15 a.m. - 9:45 a.m., Vancouver Convention Ctr/East Ballroom C

*Beyond the Transcript: Toward Innovative Methods for Video-Based Analysis of Classroom*

Presenter: Scott Monroe, UCLA

#### April 17, TUESDAY MORNING (cont.)

**AERA Open Business Meeting**

8:15 a.m. - 9:45 a.m., Building/Room: Vancouver Convention Centre / West Room 109 & 110

Participant: Robert S. Rueda, USC

**Approaches in School Accountability**

10:35 a.m. - 12:05 p.m., Vancouver Convention Ctr/ East Ballroom A

*Comparing Models for School Performance Across Four States*

Presenter: Pete Goldschmidt, Cal State Northridge

#### April 17, TUESDAY AFTERNOON

**National English Ability Test in Korea**

12:25 p.m. - 1:55 p.m., Vancouver Convention Ctr/West Room 121 & 122

Discussant: Jamal Abedi, UC Davis

**Effective Mathematics Teaching: Is There a Best Approach?**

12:25 p.m. - 2:55 p.m., Vancouver Convention Ctr/East Room 1

*Learning and Affect: A Comparison of Two Approaches to Teaching Elementary Data and Statistics*

Presenter: Elizabeth Redman, UCLA

**Item Response Theory**

12:25 p.m. - 1:55pm., Vancouver Convention Ctr/ East Ballroom C

*Bayesian Analysis of IRT (Item Response Theory) Parameters and Amount of Information*

Presenter: Robert J. Mislevy, University of Maryland

#### April 17, TUESDAY AFTERNOON (cont.)

**Research on Accountability Issues**

2:15 p.m. - 3:45 p.m., Vancouver Convention Ctr/East Ballroom B

*Home Language Survey Practices in the Initial Identification of English Learners by U.S. States*

Presenter: Alison Bailey, UCLA

#### April 17, TUESDAY AFTERNOON (cont.)

**Developing Number Sense in K-8**

2:15 p.m. - 3:45 p.m., Vancouver Convention Ctr/East Ballroom B

*Teaching Rational Number Addition With Video Games: Is Within-Game Instruction and Feedback a Good Thing?*

Presenters: Gregory Chung, UCLA and Terry Vendlinski, UCLA

**Critical Race Theory: Methodological and Pedagogical Tools for Critical Race Theorists and Beyond**

2:15 p.m. - 3:45 p.m., Vancouver Convention Ctr/West Room 219

*Critical Race Photovoice: A Methodological and Pedagogical Tool for Critical Race Theorists*

Presenter: Janet Rocha, UCLA

#### April 18, WEDNESDAY MORNING

**AERA-World Educational Research Association Meeting**

9:00 a.m. - 5:30 p.m., Pan Pacific/Pacific Rim 2

Chair: Eva L. Baker, UCLA