CRESST Partner Hilda Borko to Deliver AERA Presidential Address

CRESST congratulates our colleague and fellow partner Hilda Borko, University of Colorado at Boulder, who will conclude her one-year term as president of the American Educational Research Association (AERA) at this year’s annual meeting. We encourage you to attend Professor Borko’s AERA presidential address, *Teacher Learning and Professional Development: Mapping the Terrain*, at 4:05 p.m., Wednesday, April 14th in the Hyatt Elizabeth Ballroom D, Second Level.

A distinguished CRESST partner for many years, Hilda Borko received her doctorate from UCLA in 1978. Her research has focused primarily on teacher cognition and the process of learning to teach, with an emphasis on teachers’ learning of reform-based practices. In her current CRESST project (with Brian Stecher), Professor Borko is developing measures of classroom practices that will be used to further investigate the impact of accountability policies on curriculum and instruction. Dr. Borko is a member of numerous professional organizations in education and psychology and has served as a member and chair of various committees for the American Educational Research Association and the Educational Psychology Division of the American Psychological Association.

Professor Borko joins a long, distinguished list of CRESST partners who have served as AERA presidents, including CRESST Co-director Robert Linn (’02-’03) and CRESST partners Robert Glaser (’71-’72), Lauren Resnick (’86-’87), Richard Shavelson (’87-’88) and Lorrie Shepard (’99-’00).

CRESST Partners at AERA and NCME

The following is a partial list of CRESST partner presentations at the 2004 American Educational Research Association and National Council on Measurement in Education meetings in San Diego. Please note that not all presentations are funded by CRESST. Congratulations to all presenters at this year’s AERA/NCME meetings.
9.010
Division D Graduate Student Seminar
8:30 AM-11:30 AM, Hyatt, Maggie, Third Level

Measurement and Research Methodology
Chair and Presenter: Randy Bennett, Educational Testing Service/CRESST

11.019
Examining the Effects of Technology in Science Instruction
12:00 PM-2:00 PM, Hyatt, Betsy B, Second Level

Presenter: Richard Mayer, University of California, Santa Barbara/CRESST

11.076
Aspects of Assessing Curriculum-Specific Areas
12:00 PM-1:30 AM, Hyatt, Elizabeth Ballroom E, Second Level
Roundtable 33

Table 9: Exploring a Knowledge Framework for Science Achievement: An Example of Using TIMSS-R Test Items
Co-Presenters: Maria Ruiz-Primo and Richard Shavelson, Stanford University/CRESST

11.018
Deepening Our Understanding of Processes and Outcomes of Collaborative Learning: Defining and Investigating More and Less Productive Efforts
12:00 PM-2:00 PM, Hyatt, Molly B, Second Level

Co-Presenter: Noreen Webb, UCLA/CRESST

12.001
AERA 2003-2004 Council Meeting
1:00 PM-3:45 PM, Hyatt, Regency Ballroom D, Fourth Level

Chair: Hilda Borko, University of Colorado at Boulder/CRESST

13.011
Texas’ Legislative Efforts to Halt Social Promotion: Negative Consequences for Latino and African American Students
2:15 PM-3:45 PM, Marriott, Leucadia, South Tower, First Level

Discussant: Lorrie Shepard, University of Colorado at Boulder/CRESST

13.015
Design-Based Research: Grounding a New Methodology
2:15 PM-3:45 PM, SDCC, Meeting Room 11B, Upper Level, West

Discussant: Chris Dede, Harvard University/CRESST

13.017
Accountable Instruction: Toward the Next Generation of Distance Learning
2:15 PM-3:45 PM, Marriott, Columbia 2, North Tower, Lobby Level

Presenters: Harold O’Neil and Myron Dembo, USC/CRESST; Richard Mayer University of California, Santa Barbara/CRESST; Richard Clark USC/CRESST; Eva Baker, UCLA/CRESST; Martin Orland, The National Academies, Center for Education

15.024
Scaffolding Students’ Learning of Science
4:05 PM-5:35 PM, Hyatt, Cunningham B, Fourth Level

Cognitive Aids in Guiding Graph Comprehension
Co-Presenter: Richard Mayer, University of California, Santa Barbara/CRESST
### APRIL 12, MONDAY, AFTERNOON

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<tbody>
<tr>
<td>15.027</td>
<td>Monitoring School Improvement Over Years Using a Hierarchical Model Under a Multiple-Cohorts Design: Comparing Scale Scores to NCE Results</td>
<td>4:05 PM-5:35 PM</td>
<td>Marriott, Pacific, South Tower, First Level</td>
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<td></td>
<td>Presenters: Kilchan Choi, Pete Goldschmidt, and Felipe Martinez-Fernandez, UCLA/CRESST</td>
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<tr>
<td>15.052</td>
<td>School Choice and/or Charter School Policy</td>
<td>4:05 PM-5:35 PM</td>
<td>Marriott, New York, North Tower, Lobby Level</td>
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<td></td>
<td>The Marriage of Choice and Accountability: Results from a Study of a Large Colorado School District. Co-Presenter: Damian Betebenner, University of Colorado at Boulder/CRESST</td>
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### APRIL 13, TUESDAY, MORNING

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<th>Session</th>
<th>Title</th>
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<tbody>
<tr>
<td>22.011</td>
<td>Complementary Methods for Research in Education I: Overview and New Directions</td>
<td>8:05 AM-10:05 AM</td>
<td>Hyatt, Elizabeth Ballroom A, Second Level</td>
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<td></td>
<td>Presenter: Lorrie Shepard, University of Colorado at Boulder/CRESST</td>
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<td>Presenter: Hilda Borko, University of Colorado at Boulder/CRESST</td>
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<td></td>
<td>Fusing Physical and Cognitive Spaces in the Classroom: Using Wireless Network Sensors for Learning and Assessment. Presenter: Gregory Chung, UCLA/CRESST</td>
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<td>22.034</td>
<td>Supporting Evidence-Based Claims for Impacts of Science and Mathematics Reform on Student Outcomes</td>
<td>8:05 AM-10:05 AM</td>
<td>Hyatt, Del Mar B, Third Level</td>
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<td>Discussant: Joan Herman, UCLA/CRESST</td>
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<td>22.085</td>
<td>Teaching and Learning Science</td>
<td>8:05 AM-9:35 AM</td>
<td>Hyatt, Elizabeth Ballroom G, Second Level</td>
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<td>Poster Fair 10</td>
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<td>Poster 17: Equivalence of Two Science Concept-Map Assessments: Created and Selected Linking Phrases Presenters: Maria Ruiz-Primo and Richard Shavelson, Stanford University/CRESST</td>
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<td>22.023</td>
<td>Cognitive Measurements to Advance the Design of Optimal Learning Environments</td>
<td>8:05 AM-10:05 AM</td>
<td>Marriott, Torrance, South Tower, Fourth Level</td>
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<td>Chair: Richard Mayer, University of California, Santa Barbara/CRESST</td>
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<td>25.010</td>
<td>Complementary Methods for Research in Education II: Meet the Authors and Reviewers (Part A)</td>
<td>10:35 AM-11:15 AM</td>
<td>Hyatt, Elizabeth Ballroom B, Second Level</td>
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<td>Development Research: Longitudinal, Cross-sectional, Single Subject</td>
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<td>Chapter reviewer: Alison Bailey, UCLA/CRESST</td>
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<td>Design Experiments</td>
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<td>Chapter Reviewer: Lauren Resnick, University of Pittsburgh/CRESST</td>
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<td>25.012</td>
<td>Progress and Prospects at the Institute of Education Sciences</td>
<td>10:35 AM-12:05 PM</td>
<td>Hyatt, Elizabeth Ballroom A, Second Level</td>
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<tr>
<td></td>
<td>Discussants: Lorrie Shepard, University of Colorado at Boulder/CRESST; Richard Shavelson, Stanford University/CRESST</td>
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<td>25.030</td>
<td>Self-Regulation and Achievement: A Non-U.S.A. View.</td>
<td>10:35 AM-12:05 PM</td>
<td>Hyatt, Manchester Ballroom B, Second Level</td>
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<td>Organizer’s Introduction</td>
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<td>Presenter: Harold O’Neil, USC/CRESST</td>
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<td>Gender Effects on Mathematics Achievement: Mediating Role of State and Trait Self-regulation and Test Anxiety.</td>
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<td>Co-Presenter: Harold O’Neil, USC/CRESST</td>
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<td>Overview of the Instructional Quality Assessment</td>
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<td>Presenters: Lauren Resnick, University of Pittsburgh/CRESST; Brian Junker, Carnegie Mellon University/CRESST</td>
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<td>Assessing the Quality of Reading Comprehension Assignments and Student Work</td>
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<td>Co-Presenter: Lindsay Clare Matsumura, UCLA/CRESST</td>
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<td>Discussant: Brian Stecher, RAND/CRESST</td>
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<td>25.045</td>
<td>Mathematics Teacher Thinking and Learning</td>
<td>10:35 AM-12:05 PM</td>
<td>Marriott, Green Room, South Tower, Third Level</td>
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<td></td>
<td>Are Reform-Oriented Teaching Practices Associated with Improved Mathematics and Science Scores?</td>
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<td>Presenters: Laura Hamilton, RAND/CRESST; Vi-Nhuan Le, RAND/CRESST; Brian Stecher, RAND/CRESST</td>
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<td>26.010</td>
<td>Complementary Methods for Education Research II: Meet the Authors and Reviewers (Part B)</td>
<td>11:25 AM-12:05 PM</td>
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<td>Measurement Theory: Measurement and Assessment</td>
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<td>Chapter Reviewer: Eva Baker, UCLA/CRESST</td>
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<td>Generalizability Theory</td>
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<td>Chapter Authors: Richard Shavelson, Stanford University; Noreen Webb, UCLA/CRESST</td>
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<td>Researching the Complexity of Classroom Interaction</td>
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<td>Chapter Reviewer: Hilda Borko, University of Colorado at Boulder /CRESST</td>
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27.010  
**AERA Distinguished Lecture: 'Schools that Shock the Conscience': What “Williams v. California” Reveals about Research and the Struggle for Education 'On Equal Terms' 50 Years after Brown**  
12:25 PM-1:55 PM, Hyatt, Elizabeth Ballroom A, Second Level  

Chair: **Hilda Borko**, University of Colorado at Boulder /CRESST

27.028  
**Assessment of Non-Cognitive Constructs**  
12:25 PM-1:55 PM, Marriott, Santa Rosa, South Tower, First Level  

*Monetary Incentives for Low Stakes Tests*  
Presenter: **Harold O’Neil**, USC/CRESST

*Attitudinal Issues In The Math Assessment of English Language Learners*  
Presenters: **Jamal Abedi** and **Seth Leon**, UCLA/CRESST

Discussant: **Ray Perez**, Office of Naval Research

27.030  
**Beyond Web Pages: Advanced Distributed/Distance Learning for Complex Training Environments**  
12:25 PM-1:55 PM, Hyatt, Edward A, Second Level  

*Challenges for Instructional Design using Sharable Instructional Objects*  
Presenter: **John Fletcher**, Institute for Defense Analysis

*Approaches to Evaluating Distance Learning*  
Presenter: **William Bewley**, UCLA/CRESST

*Learning by Doing in the Context of Distance Learning About Complex Decisions*  
Presenter: **Allen Munro**, USC/CRESST

*Examples of Tutored Advanced Distributed Learning for Military Training*  
Presenter: **John Fletcher** (filling in for **Robert Wisher**, Army Research Institute), Institute for Defense Analysis

*Tests That Teach Teachers: Understanding the Effects of Performance Assessments*  
Presenter: **Terry Vendlinski**, UCLA/CRESST

Discussants: **Wallace Wulfleck**, Space and Naval Warfare Systems Center; **Thomas Duffy**, Indiana University

27.031  
**Scaffolds and Aids for Effective Learning with Multimedia and the Web**  
12:25 PM-1:55 PM, Hyatt, Emma B, Third Level  

*What Works With Educational Games*  
Co-Presenter: **Richard Mayer**, University of California, Santa Barbara/CRESST

Discussant: **Richard Clark**, USC/CRESST

27.035  
**Hierarchical and Multilevel Modeling**  
12:25 PM-1:55 PM, Marriott, Columbia, North Tower, Lobby Level  

*Using Multilevel Ordinal Models to Analyze Performance Assessment Test Scores: Allowing Non-proportional Odds for Some Explanatory Variables*  
Presenter: **Marjorie Chinen-Gonzalez**, UCLA/CRESST
### APRIL 13, TUESDAY, AFTERNOON

**27.090**  
**Advances in Educational Research**  
12:25 PM-1:05 PM, Hyatt, Elizabeth Ballroom G, Second Level  
Poster Fair 8

Poster 11: *The Effects of Teacher Discourse on Student Behavior and Learning*  
Presenters: **Noreen Webb, Marsha Ing, Nicole Kersting, Karianne Mari Nemer**, and **Jeffery Forrest**, UCLA/CRESST

**33.010**  
**Decade of Behavior Distinguished Lecture: Janet L. Norwood**  
4:05 PM-5:35 PM, Hyatt, Elizabeth Ballroom A, Second Level

Chair: **Robert Linn**, University of Colorado at Boulder/CRESST

**33.026**  
**Designing Assessments of Student Learning in Technology-Supported Learning Environments**  
4:05 PM-5:35 PM, Marriott, Columbia 3, North Tower, Lobby Level

*Assessing Complex Problem-Solving Performances in NAEP*  
Presenter: **Randy Bennett**, Educational Testing Service/CRESST

**33.027**  
**Use, Support, and Effect of Instructional Technology: Major Findings from the USEIT Study**  
4:05 PM-5:35 PM, Marriott, Torrance, South Tower, Fourth Level

Discussant: **Chris Dede**, Harvard University/CRESST

**33.029**  
**Issues in Population Generalization**  
4:05 PM-5:35 PM, Marriott, Carlsbad, South Tower, Third Level

*On the Dependability of Science Concept-Map Scores*  
Presenter: **Richard Shavelson**, Stanford University/CRESST

### APRIL 14, WEDNESDAY, MORNING

**38.028**  
**Uses of Technology in Qualitative Studies**  
8:05 AM-9:35 AM, Marriott, Pacific, South Tower, First Level

*Using Relational Databases to Implement Mixed-Method Analyses.*  
Presenter: **Damian Betebenner**, University of Colorado at Boulder/CRESST

**38.065**  
**Using NAEP Data to Inform Discussions of Education Policy**  
8:05 AM-9:35 AM, Hyatt, Manchester Ballroom F, Second Level

Discussant: **Edward Haertel**, Stanford University/CRESST

**40.010**  
**NCES in an IES Era**  
10:35 AM-12:05 PM, Hyatt, Manchester Ballroom G, Second Level

Discussant: **Eva Baker**, UCLA/CRESST
41.013  
Division D GSC - Oh, the Places You’ll Go! Get the Dissertation, Interview, and Job Scoop from People You’ll Want to Know  
12:25 PM-1:55 PM, Hyatt, Annie B, Third Level  
Presenter: Eva Baker, UCLA/CRESST

41.030  
Qualitative Inquiry of Social and Educational Processes  
12:25 PM-1:55 PM, Marriott, Balboa, South Tower, Third Level  
Graduate Training in Research Methods: Beyond the Qualitative/Quantitative Divide  
Presenters: Michael Seltzer and Arif Amlani, UCLA/CRESST

41.047  
Video-based Analysis of Practice for Teacher Learning in Mathematics  
12:25 PM-1:55 PM, Hyatt, Manchester Ballroom C, Second Level  
Chair: Nicole Kersting, UCLA/CRESST

41.051  
Preparing Teachers to Use Technology Effectively in High Poverty Communities  
12:25 PM-1:55 PM, Hyatt, Maggie, Third Level  
Discussant: Chris Dede, Harvard University/CRESST

43.010  
AERA Public Service Award Address  
2:15 PM-3:45 PM, Hyatt, Elizabeth Ballroom F, Second Level  
Chair: Robert Linn, University of Colorado/CRESST

43.019  
Modeling Across the Curriculum (MAC): Technology, Pedagogy, Assessment, & Research  
2:15 PM-3:45 PM, Marriott, Atlanta-Chicago, North Tower, Lobby Level  
Longitudinal Study of Content Learning Gains, Epistemological Understanding, and Attitudinal Change.  
Co-Presenter: Chris Dede, Harvard University/CRESST

45.010  
Awards Presentation and Presidential Address  
4:05 PM-6:05 PM, Hyatt, Elizabeth Ballroom D, Second Level  
Presenter: Hilda Borko, University of Colorado at Boulder /CRESST  
Public Service Award: Eva Baker, UCLA/CRESST

49.024  
Supporting Middle School Teachers as They Assist Students in Making the Transition from Arithmetic to Algebraic Reasoning  
8:05 AM-9:35 AM, Hyatt, Elizabeth Ballroom B, Second Level  
Connecting Teachers’ Views of Their Own Learning of Mathematics With That of Their Students: A Program for Teacher Professional Development.  
Co-Presenter: Hilda Borko, University of Colorado at Boulder /CRESST
49.024
Supporting Middle School Teachers as They Assist Students in Making the Transition from Arithmetic to Algebraic Reasoning
8:05 AM-9:35 AM, Hyatt, Elizabeth Ballroom B, Second Level

Connecting Teachers’ Views of Their Own Learning of Mathematics With That of Their Students: A Program for Teacher Professional Development.
Co-Presenter: Hilda Borko, University of Colorado at Boulder /CRESST

49.030
Designing Multilevel Studies of Educational Interventions: The Importance of Computing Statistical Power
8:05 AM-9:35 AM, Hyatt, Manchester Ballroom C, Second Level

Chair and Discussant: Michael Seltzer, UCLA/CRESST

49.048
National Academy of Education Committee on Teacher Education: Selections from the Final Report
8:05 AM-10:05 AM, SDCC, Meeting Room 6C, Upper Level, West

Presenter: Lorrie Shepard, University of Colorado at Boulder/CRESST

49.050
Building Collaborative, Inquiry-Based and Assistive Practice in Urban Community Contexts
8:05 AM-9:35 AM, Marriott, Anaheim, North Tower, Lobby Level

Collaborative Design of Online Professional Development: Building the Milwaukee Professional Support Portal
Co-Presenter: Chris Dede, Harvard University/CRESST

49.075
TICL Symposium I: Advances in Adaptive Authoring Systems
8:05 AM-9:35 AM, Hyatt, Manchester Ballroom E, Second Level

Authoring Simulations That Can Be Integrated with Instruction
Presenter: Allen Munro, USC/CRESST

52.027
Assessment for Reform-Based Science Teaching and Learning
10:35 AM-12:05 PM, Hyatt, Cunningham B, Fourth Level

Informal Assessment of Students’ Understanding of Scientific Inquiry
Presenter: Maria Ruiz-Primo, Stanford University/CRESST

52.032
Assessing Progress of English Language Learners Under NCLB Title III: Challenges and Choices
10:35 AM-12:05 PM, SDCC, Meeting Room 7A, Upper Level, West

Discussant: Jamal Abedi, UCLA/CRESST

52.038
Applying Research-Based Performance Assessment Models in Routine Practice in a Large Urban School District: The Pleasure-Pain Principle
10:35 AM-12:05 PM, Hyatt, Emma A, Third Level

From Research to Impact: Scaling Up Model-Based Assessments
Presenter: Eva Baker, UCLA/CRESST

Validating a Large-scale Performance Assessment Development Effort
Presenters: David Niemi and Diane Steinberg, UCLA/CRESST
Teachers’ Dual Roles: Providing Opportunity to Learn and Judging the Outcomes
Presenters: Pete Goldschmidt and Jose-Felipe Martinez-Fernandez, UCLA/CRESST

Predictive Validity and Relative Fairness of Writing Performance Assessments
Presenters: Jia Wang and Haiwen Wang, UCLA/CRESST

Validating a Large-scale Performance Assessment Development Effort
Presenter: Eva Chen, UCLA/CRESST

Using Classroom Artifacts to Measure Instructional Practice in Middle School Mathematics: A Two-State Field Test
10:35 AM-12:05 PM, Hyatt, Regency Ballroom D, Fourth Level

A Classroom Artifact Package for Measuring Instructional Practice: Validity of Ratings
Presenter: Brian Stecher, RAND/CRESST

Discussant: Joan Herman, UCLA/CRESST

Are Standards Turning into Standardization?
2:15 PM-3:45 PM, SDCC, Meeting Room 7, Upper Level, West

Presenters: Hilda Borko, University of Colorado at Boulder /CRESST; Lauren Resnick, University of Pittsburgh/CRESST

Motivational Consequences of Collaborative Contexts: Converging Paradigms
2:15 PM-3:45PM, Hyatt, Emma C, Third Level

Discussant: Noreen Webb, UCLA/CRESST

Current Issues in Knowledge Mapping in Assessment and Instruction
2:15 PM–3:45 PM, Hyatt, Edward C, Second Level

Chair: Gregory Chung, UCLA/CRESST

Teacher and Student Concept Maps: What’s Learning Got to Do With it?
Presenter: Ellen Osmundson, UCLA/CRESST

Concept Maps As an Assessment Tool
Presenter: Maria Ruiz-Primo, Stanford University/CRESST

On the Use of Generalizability Theory in Examining the Dependability of Concept-Maps Assessment Scores.
Presenter: Richard Shavelson, Stanford University/CRESST

Examining the Sensitivity of Knowledge Maps Using Repeated Measures: A Growth Modeling Approach
Presenter: Jin-Ok Kim, UCLA/CRESST

Automated Knowledge Mapping and Scoring.
Presenter: Gregory Chung, UCLA/CRESST

Discussant: Randy Bennett, Educational Testing Service/CRESST
### APRIL 15, THURSDAY, AFTERNOON

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<td>61.012</td>
<td><em>Journal Talks 2</em></td>
<td>4:05 PM-5:35 PM</td>
<td>Hyatt, Elizabeth Ballroom H</td>
<td>Joan Herman, UCLA/CRESST</td>
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<td>Educational Assessment</td>
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<td>61.026</td>
<td>Methods for Educational Interventions</td>
<td>4:05 PM-2:05 PM</td>
<td>Hyatt, Manchester Ballroom A</td>
<td>Richard Mayer, University of California, Santa Barbara/CRESST</td>
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<td>61.029</td>
<td>Race, Gender, Class, Language and Culture in Multi-user Virtual Environments</td>
<td>4:05 PM-5:35 PM</td>
<td>Marriott, Columbia 3</td>
<td>Chris Dede, Harvard University/CRESST</td>
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<td>61.064</td>
<td>TICL Symposium II: Advances in Technology, instruction, Cognition and Learning</td>
<td>4:05 PM-5:35 PM</td>
<td>Hyatt, Manchester Ballroom E</td>
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<td>Assessing the Instructional Effects of Games</td>
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<td>Harold O’Neil, USC/CRESST</td>
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### APRIL 16, FRIDAY, MORNING

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<tr>
<td>65.022</td>
<td>Modeling, Inquiry, and Assessment: Developing a Principled Assessment Argument for Computer-Based Modeling Tools</td>
<td>8:05-10:05 AM</td>
<td>Marriott, Torrey 2</td>
<td>Robert Mislevy, University of Maryland/CRESST</td>
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<td>65.060</td>
<td>What Is the Role of Research in Accommodation Decision-Making for English Language Learners?</td>
<td>8:05 AM-10:05 AM</td>
<td>Marriott, Columbia 3</td>
<td>Jamal Abedi, UCLA/CRESST</td>
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<td>67.024</td>
<td>Powerful Features and Effects of Pedagogical Agents</td>
<td>10:35 AM-12:05 PM</td>
<td>Marriott, Orlando</td>
<td>Richard Clark, USC/CRESST</td>
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<td>A Review of Experiments on the Effects of Animated Pedagogical Agents and Suggestions for Improved Research Design</td>
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<td>67.033</td>
<td>Best Practices in College Assessment</td>
<td>10:35 AM-12:05 PM</td>
<td>Marriott, San Francisco</td>
<td>Maria Ruiz-Primo and Richard Shavelson, Stanford University/CRESST</td>
</tr>
</tbody>
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67.051
**Issues in Large-Scale Assessment**
10:35 AM-12:05 PM, Marriott, Green Room, South Tower, Third Level

*The Relationship Between School Quality and the Probability of Passing Standards-Based, High-Stakes Statewide Assessments*

**Presenters:** Pete Goldschmidt and Jose-Felipe Martinez-Fernandez, UCLA/CRESST

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69.020
**Cognitive Load Theory as a Framework Integrating Studies on Multimedia Presentation, Levels of Expertise and Task Complexity**
12:25 PM-1:55 PM, Marriott, Torrance, South Tower, Fourth Level

**Co-presenter:** Richard Mayer, University of California, Santa Barbara/CRESST

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69.026
**Task Templates for Assessing Scientific Inquiry**
12:25 PM-1:55 PM, Marriott, Del Mar, South Tower, Third Level

*Overview of the Principled Assessment Designs for Inquiry (PADI) Project*

**Co-Presenter:** Robert Mislevy, University of Maryland/CRESST

**Discussant:** Edward Haertel, Stanford University/CRESST

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69.049
**New Federal Definition of Research: Implications for Philanthropy and Research**
12:25 PM-1:55 PM, Marriott, New York, North Tower, Lobby Level

**Discussant:** Eva Baker, UCLA/CRESST

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71.017
**Instrumentation Used in the Measurement of Opportunity to Learn**
2:15 PM-3:45 PM, Hyatt, Regency Ballroom E, Fourth Level

*Assessing Opportunity to Learn for English Language Learners in Mathematics.*

**Presenters:** Joan Herman and Jamal Abedi, UCLA/CRESST

*Students' Science Notebooks and the Information They Provide About Opportunity to Learn and Student Learning*

**Co-Presenter:** Maria Ruiz-Primo, Stanford University/CRESST

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71.022
**Retention, Dropouts, and Graduation Rates: What Do the Data Really Show?**
2:15 PM-3:45 PM Hyatt, Regency Ballroom B, Fourth Level

*Should Grade Retention Decision Be Indicators-Based or Model-Driven?*

**Presenters:** Jia Wang, Haiwen Wang, and David Niemi, UCLA/CRESST

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71.024
**Using Data Accountability Systems to Judge Schools and Reform Efforts**
2:15 PM-3:45 PM Hyatt, Regency Ballroom A, Fourth Level

*Children Left Behind: Focusing on the Distribution of Student Growth in Longitudinal Studies*

**Presenters:** Kilchan Choi, Michael Seltzer, and Joan Herman, UCLA/CRESST
### APRIL 12, MONDAY, AFTERNOON

<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Time</th>
<th>Room</th>
<th>Organizer/Moderator</th>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>NCME Board of Directors Meeting</td>
<td>4:15PM-7:15PM</td>
<td>Hyatt, Madeline A</td>
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<td>Members of NCME are invited to attend as observers</td>
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### APRIL 13, TUESDAY, MORNING

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<tr>
<th>Session</th>
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<th>Time</th>
<th>Room</th>
<th>Organizer/Moderator</th>
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<tbody>
<tr>
<td>A1</td>
<td>Vertically Moderated Standards: Assumptions, Case Studies, and Applications to School Accountability and NCLB Adequate Yearly progress—Invited Symposium</td>
<td>8:15 AM-10:15 AM</td>
<td>Room 3, Upper Level</td>
<td>Edward Haertel, Stanford University/CRESST</td>
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<td>A3</td>
<td>Test Use With Specific Populations—Paper Sessions</td>
<td>8:15 AM-10:15AM</td>
<td>Room 5A, Upper Level</td>
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<td>Construct equivalence of the ITBS for English language learners (ELLs) and non-English language learners (non-ELLS)</td>
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<td>Co-Presenter: Stephen Dunbar, University of Iowa/CRESST</td>
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<td>Towards a unified validity framework for ensuring access to assessments by individuals with disabilities and English language learners</td>
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<td>Presenter: Robert Mislevy, University of Maryland/CRESST</td>
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### APRIL 13, TUESDAY, AFTERNOON

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<tr>
<td>C1</td>
<td>Adequate Yearly Progress: An Investigation of Methods and Application—Symposium</td>
<td>12:25 PM-1:55 PM</td>
<td>Room 3, Upper Level</td>
<td>Yeow Meng Thum, UCLA/CRESST</td>
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<td>A model-driven school accountability system</td>
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<td>Discussant: Edward Haertel, Stanford University/CRESST</td>
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<td>Organizer/Moderator: Brian Junker, Carnegie Mellon University/CRESST</td>
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<tr>
<td>D3</td>
<td>Detecting Item Bias for Students with Disabilities and English Language Learners—Symposium</td>
<td>2:15 PM-3:45 PM</td>
<td>Room 5A, Upper Level</td>
<td>Jamal Abedi, UCLA/CRESST</td>
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<td>DIF analyses based on language background variables</td>
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<td>Presenter: Jamal Abedi, UCLA/CRESST</td>
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<td>E2</td>
<td>The Promise and Perils of Innovative Assessment Designs—Symposium</td>
<td>4:05 PM-6:05 PM</td>
<td>Room 4, Upper Level</td>
<td>Robert Mislevy, University of Maryland/CRESST</td>
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<td>The challenge of context</td>
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<td>Presenter: Robert Mislevy, University of Maryland/CRESST</td>
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<td>No-Host Cocktail Party and Reception</td>
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<td>6:15 PM-7:30 PM, West Terrace, Upper Level</td>
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<td>Members of NCME are invited to attend</td>
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## APRIL 14, WEDNESDAY, MORNING

### F1
**NCME Breakfast, Business Meeting, and Presidential Address**
**Validity of High Stakes Assessment: Are Students Engaging in Complex Thinking?**
8:00 AM-10:15 AM, Room 6A, Upper Level

Presenter: **Suzanne Lane**, University of Pittsburgh/CRESST

Note: NCME members who would like to attend only the Presidential address are welcome at 9:00 AM

## APRIL 14, WEDNESDAY, AFTERNOON

### H1
**Evaluating State Accountability Systems: Validity and Reliability in the Context of NCLB—Invited Symposium**
12:25 PM-1:55 PM, Room 2, Upper Level

Discussant: **Eva Baker**, UCLA/CRESST

### H4
**Connecting Curriculum and Assessment Through Meaningful Score Reports—Symposium**
12:25 PM-1:55 PM, Room 5A, Upper Level

Discussant: **Joan Herman**, UCLA/CRESST

### I1
**Measuring Progress of Students and Schools Under the No Child Left Behind Act: Policymakers and Measurement Professionals Working Together—Symposium**
2:15 PM-3:45 PM, Room 2, Upper Level

Organizer/Moderator: **Ron Dietel**, UCLA/CRESST

*What school administrators need from the measurement community*

Presenters: **Terry Duggan Schwartzbecker**, American Association of School Administrators; **Geno Flores**, Deputy Superintendent for Accountability, California

*What state agencies need from the measurement community*

Presenter: **Gerald Tirozi**, National Association of Secondary Principals

*A master plan for how the measurement community can meet the needs of policymakers, administrators, and states*

Presenter: **Mark Reckase**, Michigan State University/National Council on Measurement in Education

### J2
**Equating II—Paper Session**
4:05 PM-6:05 PM, Room 3, Upper Level

*Sampling of common items: An ignored source of error in test equating*

Co-Presenters: **Edward Haertel**, Stanford University/CRESST; **Michalis Michaelides**, The College Board

## APRIL 14, THURSDAY, MORNING

### L1
**2003 Career Award Winner Address**
**Cognitive Psychology and Educational Assessment**
10:35 AM-12:05 PM, Room 2, Upper Level

Presenter: **Robert Mislevy**, University of Maryland/CRESST

Discussant: **Robert Glaser**, University of Pittsburgh/CRESST
M2
Construct Integrity in Large-Scale Testing: Developing Assessments Appropriate for a Diverse Population—Symposium
12:25 PM-1:55 PM, Room 4, Upper Level

Discussant: Robert Mislevy, University of Maryland/CRESST

Discussant: David Sweet, U.S. Department of Education

M3
Meshing Measurement with Curriculum and Instruction: Three Venues, Three Strategies—invited Interactive Symposium
12:25 PM-1:55 PM, Room 5A, Upper Level

Building a solid capital for educational reform: A university perspective
Presenter: Eva Baker, UCLA/CRESST

O2
No Child Left Behind and English Language Proficiency Tests: Policy and Psychometric Issues—Symposium
4:05 PM-6:05 PM, Room 4, Upper Level

Organizer: Jamal Abedi, UCLA/CRESST

Research findings on the technical/psychometric issues concerning existing English language proficiency tests
Presenter: Jamal Abedi, UCLA/CRESST

O3
Graduate Student Poster Session
4:05 PM-6:05 PM, Room 1B, Upper Level

Sensitivity to prior distributions in calibrating a Bayesian network for language assessment
Co-Presenter: Robert Mislevy, University of Maryland/CRESST

Comparing classical and item response theories for use in college admissions
Presenter: Felipe Martinez, UCLA/CRESST

NCME Board of Directors Meeting
4:15 PM-7:15 PM, Hyatt, Madeline B

Members of NCME are invited to attend as observers

Center for Research on Evaluation, Standards, and Student Testing
Eva L. Baker, Co-director
Robert L. Linn, Co-director
Joan L. Herman, Co-director
Daniel Koretz, Associate Director
Ronald Dietel, CRESST Line Editor
Yasmin Damshenas, Editorial Assistant

The work reported herein was supported under the Educational Research and Development Centers Program, PR/Award Number R305B960002, as administered by the Institute of Education Sciences, U.S. Department of Education. The findings and opinions expressed in this publication do not reflect the positions or policies of the National Center for Education Research, the Institute of Education Sciences, or the U.S. Department of Education.

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