



American Educational Research Association

2008 Annual Meeting Program

*Research on Schools, Neighborhoods, and Communities:
Toward Civic Responsibility*

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53.027. The Importance of School as a Supportive Community for Learning. Division C-Learning and Instruction

Sheraton New York Hotel & Towers, Executive Conference Center, Conference Room F, Lower Lobby
10:35 am to 12:05 pm

Chair:

Christopher J. Harris, University of Arizona

Participants:

Children's Conceptions of Thinking: Developing Thinking Skills With Primary School Children. *Lisa F. Smith, University of Otago; Sue Graham, Kaikorai Primary School - New Zealand*

Factors in the Effectiveness of Learning Environments Organized as Communities. *Linda S. Mabry, Washington State University - Vancouver*

Improving the Transition to High School: The Importance of a Supportive Environment. *Aisha R. Thompson, University of Virginia; Michael B. Ripski, University of Virginia; Anne Gregory, University of Virginia*

Pedagogical Practices, Learning Environment, and Academic Achievement. *Yan Zhu, National Institute of Education/NTU; Grace Li Ann Yong, National Institute of Education; Trivina Kang, National Institute of Education - Singapore; David John Hogan, National Institute of Education - Singapore*

"Constantly Going Deeper": Knowledge Building Innovation in an Elementary Professional Community. *Jianwei Zhang, SUNY - University at Albany; Huang-Yao Hong, Department of Education, National Chengchi University; Chew Lee Teo, OISE/University of Toronto; Marlene Scardamalia, OISE/University of Toronto; Elizabeth A. Morley, OISE/University of Toronto*

Discussant:

Christopher J. Harris, University of Arizona

53.028. Understanding Complex Learning Environments: Integrating Multiple Data Sources. Division C-Learning and Instruction

Hilton New York, Concourse G, Concourse Level
10:35 am to 12:05 pm

Chairs:

Cindy E. Hmelo-Silver, Rutgers, The State University of New Jersey
Susanne P. Lajoie, McGill University

Participants:

Convergence of Data Sources in the Analysis of Complex Learning Environments. *Susanne P. Lajoie, McGill University; Genevieve Gauthier, McGill University; Jingyan Lu, University of Hong Kong*

Establishing Common Ground by Persistent Pointing Into Dynamic Media Representations: DIVER as a Web Platform for Digital Video Collaboratory Research. *Roy D. Pea, Stanford University*

Analyzing the Effects of Scripted Collaboration in a Computer-Supported Learning Environment by Integrating Multiple Data Sources. *Nikol Rummel, University of Freiburg; Deziol Dejana, University of Freiburg; Hans Spada, University of Freiburg*

Tracing the Origins of Inter-Subjective Phenomena in Distributed Collaborative Learning. *Daniel D. Suthers, University of Hawaii - Manoa*

An Integrated Framework for Bridging Diverse Analytical Tools for Understanding Technology-Mediated Learning About Complex Natural Systems. *Cindy E. Hmelo-Silver, Rutgers, The State University of New Jersey; Rebecca Jordan, Rutgers, The State University of New Jersey; Lei Liu, Rutgers, The State University of New Jersey; Steven Gray, Rutgers, The State University of New Jersey; Heisawn Jeong, Hallym University*

Discussant:

Philip H. Winne, Simon Fraser University

53.029. Contemporary Challenges With Equating and Linking. Division D-Measurement and Research Methodology

New York Marriott Marquis Times Square, Barrymore Room, 9th Floor
10:35 am to 12:05 pm

Chair:

Hyeon-Joo Oh, ETS

Participants:

Evaluating Equivalence of Test Forms in Test Equating With the Random Group Design: Practical Effects of Unnecessary Equating. *Alvaro J. Arce-Ferrer, Harcourt Assessment, Inc.; Seon-Hi Shin, California State*

University - Long Beach; Che-Ming A. Lau, Harcourt Assessment, Inc.

Handling the Assumption of Randomly Equivalent Groups in Equating: A Comparison of Rasch and 3PL Software. *David Chayer, Data Recognition Corporation; Larissa Smith, Data Recognition Corporation*

Field Testing and Equating Designs for State Educational Assessments. *Rob Kirkpatrick, Pearson; Walter D. Way, Pearson Educational Measurement*

The Effect of Shifting Content on the Accuracy of Equating. *Lisa Keller, University of Massachusetts - Amherst; Rob Keller, University of Massachusetts - Amherst; Pauline Parker, University of Massachusetts - Amherst*

Evaluating Score Equity of Computerized MCAT. *Sungwon Ngudgratoke, Michigan State University; Mark D. Reckase, Michigan State University*

Discussant:

James A. Wollack, University of Wisconsin - Madison

53.030. Interactive Symposium on the Intersection of Critical Qualitative Inquiry and Civic Responsibility. Division D-Measurement and Research Methodology

Crowne Plaza Hotel Times Square, Room 1505, 15th Floor
10:35 am to 12:05 pm

Chair:

Aaron M. Kuntz, University of Alabama

Participants:

R. Evelyn Gildersleeve, Iowa State University
Rozana Carducci, University of California - Los Angeles
Heather M. Pleasants, University of Alabama

53.031. Test-Driven Educational Reform in Urban School Districts in the 20th Century. Division F-History and Historiography

Crowne Plaza Hotel Times Square, Room 1503, 15th Floor
10:35 am to 12:05 pm

Chair:

Linda M. Eisenmann, John Carroll University

Participants:

Cycles of Standardized Assessments in the United States: Their Impact on School Districts, 1896-1976. *Juan Leon Jara Almonte, The Pennsylvania State University; David A. Gamson, The Pennsylvania State University*

"Sowing Grain and Cultivating Roses": IQ Testing and Educational Reform in the Boston Public Schools, 1910-1932. *Alan Stoskopf, Northeastern University - Boston*

From Child Study to Efficiency: The Use of Testing in the Chicago Public Schools, 1899 to 1928. *Ann Marie Ryan, Loyola University - Chicago*

Discussant:

James W. Fraser, New York University

53.032. Aesthetics and Engagement in Local Contexts of Teaching and Learning. Division G-Social Context of Education

New York Marriott Marquis Times Square, Cantor Room, 9th Floor
10:35 am to 12:05 pm

Chair:

Stacy L. Dezutter, Washington University in St. Louis

Participants:

"Voices of Possibility and Hope": What At-Risk Students Can Tell Teachers About Classroom Engagement. *Derek Bland, Queensland University of Technology*

Supporting Developmental Needs and Student Engagement in an Alternative High School. *Jeffrey N. Jones, University of Virginia*

Circumpolar Beauty and Resilience: The Self-Educative Relevance of Developing an Aesthetic Attitude Toward the Everyday. *Pauliina Rautio, University of Oulu*

Pragmatic, Stylistic, and Aesthetic Considerations of Language Use in the Teaching of Conflict Resolution Skills. *Anna G. Shin, University of California - Los Angeles*

Discussant:

Susan Stillman, Northcentral University

53.033. Division G: Vice President's Session - Research on Schools, Neighborhoods, and Communities: Implications for Research Methods on Social Contexts. Division G-Social Context of Education

Change Across the Transition to High School. *Aprile Benner, University of California - Los Angeles*

8. Developing Cognitive Load Measurement Scales Based on Three Types of Cognitive Load. *Minjeong Kim, Hanyang University; Hyewon Kim, Florida State University*
9. Measuring Everyday Mindreading: Evaluating a Social Perspective-Taking Assessment. *Maureen Elizabeth Brinkworth, Harvard University; Ming Te Wang, Harvard University; Chris Wynne, Harvard University; Hunter Gehlbach, Harvard University*
10. Studying Thinking and Decision-Making Processes of Online Peer Tutors Through Stimulated Recall Interviews. *Marijke De Smet, Ghent University; Hilde Van Keer, Ghent University; Martin M. Valcke, Ghent University*
11. Learning From Others' Errors: The Benefits of Explicit Explanation and Reflection. *Antonios Saravanos, Columbia University; Na Liu, Teachers College, Columbia University; JooHee Byun, Columbia University; Yu-Ling Chung, Columbia University; Renee Lan, Columbia University; Carol Lu, Columbia University*
12. Toward a Generic Self-Explanation Training Intervention for Example-Based Learning. *Alexander Renkl, University of Freiburg; Carolin Busch, University of Freiburg; Silke Schworm, University of Regensburg*

Discussant:

Ellen B. Mandinach, CNA Corp.

31.097. Division C, Section 5 Posters: Learning Environments. Division C-Learning and Instruction
Hilton New York, Americas Hall, 3rd Floor
2:15 pm to 3:45 pm

Posters:

13. Addressing Gender Gap in Literacy Through Knowledge Building: An Analysis of Different Content Areas. *Yanqing Sun, SUNY - University at Albany; Jianwei Zhang, SUNY - University at Albany; Marlene Scardamalia, OISE/University of Toronto*
14. Deconstructing Dropout Behavior Among Black, Latino, and White Students. *Al Ramirez, University of Colorado - Colorado Springs; Dick M. Carpenter, University of Colorado - Colorado Springs*
15. Environmental Education of Senior Citizens Through Inquiry and Videoconferencing. *Hilarie B. Davis, Technology For Learning Consortium; Angela Cristini, Ramapo College; Bradford T. Davey, Pepperdine University*
16. Looping In the Middle Grades and the Usefulness of Disaggregating Test Scores. *Nicole L. Thompson, Mississippi State University; Dwight Hare, Mississippi State University; Bob D. Fuller, Starkville School District*
17. Online Tutoring: Complexity, Community, and Calculus. *Carla Van De Sande, University of Pittsburgh; Gaea Leinhardt, University of Pittsburgh*
18. Characteristics of Dyadic Discourses in a Natural History Museum: Through the Lens of ZPD System. *Kisang Kim, Seoul National University; Sun-Kyung Lee, Seoul National University; SaeYeol Yoon, Seoul National University; Junyoung Heo, Seoul National University; Chan-Jong Kim, Seoul National University*
19. Computer-Synthesized Narration in a Multimedia Environment: Does Voice Gender Impact Student Learning? *Caroline J. Harrison, Arizona State University; Robert K. Atkinson, Arizona State University; Alan Koenig, Arizona State University*
20. Design Decisions: Using Representational Tools for Scientific Inquiry With Virtual Laboratories. *Eva E. Toth, Duquesne University*
21. Does Choice Improve Intrinsic Motivation in Korean Students? The Effect of Task Choice, Competition, and Self-Efficacy. *Yeonhee So, Kyungnam University; Sung-Il Kim, Korea University*
22. Empirical Images of Scientists, Their Representational Systems, and Their Joint Development: Implications for the Design of Learning Environments in Science. *J. Antonio Torralba, University of Hawaii - Manoa*
23. Environmental Checklist for Preschool Classroom Mathematics Correlates With Teaching Practices. *Jennifer S. McCray, Erikson Institute*
24. Images of the Garden: Unearthing the Relationship Among Empathy, Exploration, and Learning in Local Contexts. *Annie Grugel, University of Wisconsin - Madison*
25. The Impact of Academic Teaming in a Middle School: A Qualitative

Study. *Amber Pittmon Daub, Hallsville High School; Kamiar Kouzekanani, Texas A&M University - Corpus Christi*

26. Does Participation in Signature Service-Learning Positively Impact Students' Test Scores? *Mary D. McCarthy, University of Massachusetts - Lowell*
 27. Understanding Educators' Views on the Role of Informal Learning and Outreach in the Visual Arts. *Angela L. Eckhoff, Clemson University*
- 31.098. Effect of Culture and Ethnicity on Motivation and Achievement.** Division C-Learning and Instruction
Hilton New York, Americas Hall, 3rd Floor
2:15 pm to 3:45 pm

Posters:

28. A Cross-Cultural Investigation of the Effect of Academic Failure, Evaluative Feedback, and Negative Affectivity on Shame and Guilt. *Temí Bidjerano, Furman University*
29. The Effects of Three Psychological Needs on Korean College Students' Self-Regulated Learning and Emotion. *Hyunjin Kim, University of Texas - Austin; Hyunjin Kim, University of Texas - Austin; Marilla D. Svinicki, University of Texas - Austin*
30. Cultural Continuity and Student Outcomes: The Role of Student, Family, and Teacher Perceptions. *Marika Ginsburg-Block, University of Delaware; Kristen Bogner Warzon, University of Notre Dame*
31. International Analysis of Students' Knowledge Structure Coherence. *Douglas B. Clark, Arizona State University; Cynthia D'Angelo, Arizona State University; Sharon Schleigh, Arizona State University; Gokhan Ozdemir, Nigde University; Muhsin Menekse, Arizona State University; Zhihui Zhang, University of California - Berkeley; Edgar Corpuz, University of Texas - Pan American*
32. Chinese Students' Critical Thinking: Validation of the Factorial Structure of a Critical Thinking Assessment. *Kit-Tai Hau, Chinese University of Hong Kong; Irene T. Ho, University of Hong Kong; Yee Lai, Kelly Ku, University of Hong Kong; Natalie H H Hui, Chinese University of Hong Kong*
33. Children in an American High School From Different Ethnic/Cultural Backgrounds: Parents' Role in Achievement Motivation. *Jung-In Kim, University of Texas - Austin*
34. NAEP, PISA, and ECLS-K: Noncognitive Factors and Academic Performance. *Jihyun Lee, ETS*
35. Motivational Factors Contributing to Turkish High School Students' Achievement in Gases and Chemical Reactions. *Cansel Kadioglu, Middle East Technical University; Esen Uzuntiryaki, Middle East Technical University*
36. Causal Attribution and Culture: How Similar Are American and Chinese Thinking. *Yan Yang, University of Cincinnati*
37. Parental Academic and Racial Socialization: Motivation As a Mediator of College Adjustment for African Americans. *Marie-Anne Suizzo, University of Texas - Austin; Lisa Marie Yarnell, University of Texas - Austin; Erin Pahlke, University of Texas - Austin; Louise Tedford, University of Texas - Austin; Kuan-Yi Chen, University of Texas - Austin; Sylvia Romero, University of Texas - Austin*
38. High School Physics Students' Motivation and Learning in Japan and the United States. *Meiko Negishi, University of North Florida*
39. Epistemological and Mathematical Beliefs of Students in a Culturally Diverse Institution. *Matthew G. Jones, California State University - Dominguez Hills; Marlene A. Schommer-Aikins, Wichita State University*
40. Social-Cultural Differences in Metacognitive Self-Regulation Between Students in High Tracks of Secondary Education. *Sarah V. Blom, University of Amsterdam; Dirk Hoek, Open University Utrecht; Geert Ten Dam, University of Amsterdam*
41. School Experiences as Adolescents and Later Parent School Involvement: Mediating and Moderating Effects of Adult Social Support Systems. *Diane S. Kaplan, Texas A&M University; Ruth X. Liu, San Diego State University; Howard B. Kaplan, Texas A&M University*
42. The Complex Relationship between Homework and Achievement: A Cross-Cultural Study in 40 Countries. *Swantje Pieper, Max Planck Institute for Human Development; Ulrich Trautwein, Max Planck Institute for Human Development; Oliver Luedtke, Max Planck Institute for Human Development*
43. Cross-Cultural Comparison of Self-Regulated Learning Skills Between Korean and Filipino College Students. *Joanne Pacheco Turingan,*