

**2007 TELS Meeting Presentations**
**AERA - Chicago, IL**

<b>Meeting</b>	<b>Presenter(s)</b>	<b>Co-Authors</b>	<b>Date</b>	<b>Time</b>	<b>Location</b>	<b>Type</b>	<b>Title</b>	<b>Session Info</b>
AERA	Atkinson, Robert	<b>Douglas B. Clark</b> Caroline J. Harrison Alan Koenig Frank Ramirez Marin	13-Apr-07	12:25 PM	Hyatt / Field, West Tower - Silver Level	Paper	Multimedia Learning Environments: Do the Redundancy and Modality Principles Apply to English Language Learners?	Learning Environments for ELLs, LD, and Study Habits in and Out of School, Division C-Learning and Instruction / Section 5: Learning Environments
AERA	<b>Chang, Hsin-Yi</b> Chris Quintana		13-Apr-07	8:15 AM	Hyatt / Columbus Hall, Section G, East Tower - Gold Level	Abstract	Technology-Mediated Visualization and Interpretation of Chemical Phenomena by Middle School Students	Using Technology-Mediated Visualizations to Support Chemistry Learning, Division C-Learning and Instruction / Section 4: Science
AERA	<b>Chang, Hsin-Yi</b> Chris Quintana Joseph Krajcik		11-Apr-07	2:15 PM	Hyatt / Grand Suite 5, East Tower - Gold Level	Paper	The Impact of Animation-Mediated Practice on Middle School Students' Understanding of Chemistry Concepts	Technology Research: Instructional Design Issues to Promote Learning, Problem Solving, and Positive Attitudes, Division C-Learning and Instruction / Section 7: Technology Research
AERA	<b>Chiu, Jennifer</b>		11-Apr-07	12:25 PM	Hyatt / Grand Ballroom, Sections C-D North, East Tower - Gold Level	Individual Paper Discussion	Eliciting Explanations and Self-Assessments to Support Students' Knowledge Integration	Cognitive, Social, and Motivational Processes: Paper Discussion (Session 1), Division C-Learning and Instruction / Section 6: Cognitive, Social and Motivational Processes
AERA	<b>Chiu, Jennifer</b>		13-Apr-07	8:15 AM	Hyatt / Columbus Hall, Section G, East Tower - Gold Level	Abstract	Supporting Students' Integration of Chemical Representations With Dynamic Visualizations	Using Technology-Mediated Visualizations to Support Chemistry Learning, Division C-Learning and Instruction / Section 4: Science
AERA	<b>Clark, Douglas</b>	Robert K. Atkinson Frank Ramirez Marin Caroline J. Harrison Alan Koenig	10-Apr-07	10:35 AM	Marriott / Halsted, Fourth Floor	Abstract	The Impact of Providing Spanish Audio and Text Supports in Online Learning Environments for Spanish-Speaking English Language Learners	Diverse Experiences for Learning Science, SIG-Science Teaching and Learning
AERA	<b>Clark, Douglas</b> <b>Sampson, Victor</b> <b>Menekse, Muhsin</b>		13-Apr-07	8:15 AM	Hyatt / Columbus Hall, Section G, East Tower - Gold Level	Abstract	Scaffolding Students' Debates About the Implications of Simulations	Using Technology-Mediated Visualizations to Support Chemistry Learning, Division C-Learning and Instruction / Section 4: Science
AERA	Gobert, Janice	Barbara Buckley <b>Paul Horwitz</b>	9-Apr-07	2:15 PM	Hyatt / DuSable, West Tower - Silver Level	Abstract	Through the Looking Glass and What We Found There: A Logging Infrastructure for Investigating Students' Inquiry Processes	New Learning Technologies: Affordances for Authoring, Assessment, and Research, Division C-Learning and Instruction / Section 7: Technology Research
AERA	Gobert, Janice	Barbara Buckley <b>Paul Horwitz</b>	12-Apr-07	12:25 PM	Hyatt / Grand Suite 3, East Tower - Gold Level	Abstract	Assessing Model-Based Learning in Science	Simulation-Based Science Assessments: A New Generation, Division C-Learning and Instruction / Section 4: Science
AERA	<b>Higgins, Tara</b> <b>Spitulnik, Michele</b>		11-Apr-07	12:25 PM	Hyatt / Riverside Center Exhibition Hall, East Tower - Purple Level	Poster/Individual Paper Discussion	Through the Eyes of Professional Developers: Connecting Learning Opportunities to Teaching Practice	On Teaching and Teacher Education: Division K Sponsored Poster Session, Division K: Teaching and Teacher Education
AERA	<b>Hoadley, Christopher</b> Sameer Honwad Ken Tamminga		12-Apr-07	2:15 PM	Hyatt / Grand Suite 3, East Tower - Gold Level	Abstract	Using Technology to Elicit Biographies in Himalayan Villages	Technobiographies: Researching Life Stories With Technology, Division C-Learning and Instruction / Section 7: Technology Research
AERA	<b>Hollowell, Gail</b>	Michelle Williams	10-Apr-07	10:35 AM	Marriott / Halsted, Fourth Floor	Abstract	African-American Students' Understanding of Mitosis in an Urban Middle School	Diverse Experiences for Learning Science, SIG-Science Teaching and Learning

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AERA	Lee, Hee-Sun	Ou (Lydia) Liu Marcia Linn	11-Apr-07	10:35 AM	Marriott/Great America 6th Floor	Abstract	Validating Inquiry Science Assessments at the Design, Construct, and Instruction Levels	Connecting the Dots: Validity in Integrated Assessment Systems, Division H-School Evaluation and Program Development / Section 4: Accountability in the Schools
AERA	Linn, Marcia		10-Apr-07	10:35 AM	Marriott/Halsted, 3rd Floor	Chair, Symposium		Diverse Experiences for Learning Science, SIG-Science Teaching and Learning
AERA	Linn, Marcia		13-Apr-07	8:15 AM	Hyatt/Columbus Hall, Section G, East Tower - Gold Level	Chair, Symposium		Using Technology-Mediated Visualizations to Support Chemistry Learning, Division C-Learning and Instruction / Section 4: Science
AERA	Liu, Ou (Lydia)		9-Apr-07	6:15 PM	Hyatt / Riverside Center Exhibition Hall, East Tower - Purple Level	Paper/New Member Poster Session	Gender Differences and Similarities in PISA 2003 Mathematics: A Comparison Between the United States and Hong Kong	Division D: New Member Poster Session, Division D-Measurement and Research Methodology / Section 1: Educational Measurement, Psychometrics and Assessment
AERA	Liu, Ou (Lydia)		12-Apr-07	12:25 PM	Sheraton / Superior, Level 2	Participant, Symposium		Research Methodology and Result Interpretation on Students' Learning in Math, Science, and Technology: Comparative Studies Between China and the United States, SIG-International Studies
AERA	McElhane, Kevin		10-Apr-07	10:35 AM	Marriott / Halsted, Fourth Floor	Abstract	Examining the Relationship Between Students' Experiments With a Computer-Based Visualization and Their Learning Gains in Diverse Classroom Settings	Diverse Experiences for Learning Science, SIG-Science Teaching and Learning
AERA	McElhane, Kevin		12-Apr-07	2:15 PM	Hyatt / Riverside Center Exhibition Hall, East Tower - Purple Level	New Member Poster	Scaffolding Dynamic Visualizations With Experimentation and Reflection to Support Student Learning of Kinematics	Science Education - General Poster Session, Division C-Learning and Instruction / Section 4: Science
AERA	McElhane, Kevin		13-Apr-07	8:15 AM	Hyatt / Columbus Hall, Section G, East Tower - Gold Level	Abstract	Improving Student Understanding of Chemical Bonding and Atomic Structure With Dynamic Molecular Models	Using Technology-Mediated Visualizations to Support Chemistry Learning, Division C-Learning and Instruction / Section 4: Science
AERA	Ronen Fuhrmann, Tamar	Yael Kali Christopher Hoadley	10-Apr-07	10:35 AM	Marriott / Los Angeles, Fifth Floor	Paper	Engaging Graduate Students in Design as a Means of Enhancing Their Epistemological Understanding of Learning	Technology Research: Issues in Teacher Practices and Professional Development With Technology, Technology Research: Issues in Teacher Practices and Professional Development With Technology
AERA	Shen, Ji		11-Apr-07	2:15 PM	Hyatt / DuSable, West Tower - Silver Level	Paper	Justifying Alternative Model: A Case Study on K-8 Science Teachers' Understanding of Frames of Reference in Astronomy	Research in Physical Science Education, Division C-Learning and Instruction / Section 4: Science

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AERA	Shen, Ji		12-Apr-07	12:25 PM	Sheraton / Superior, Level 2	Chair, Symposium		Research Methodology and Result Interpretation on Students' Learning in Math, Science, and Technology: Comparative Studies Between China and the United States, SIG-International Studies
AERA	Slotta, James	Doris Jorde	9-Apr-07	2:15 PM	Hyatt / DuSable, West Tower - Silver Level	Abstract	New Opportunities for International Exchanges: When They're Worth It, and How Can We Help Them Succeed?	New Learning Technologies: Affordances for Authoring, Assessment, and Research, Division C-Learning and Instruction / Section 7: Technology Research
AERA	Tate, Erika		10-Apr-07	10:35 AM	Marriott / Halsted, Fourth Floor	Abstract	Designing Community Based Biology Curriculum: How do Students Learn and Make Decisions about the Asthma Problem in Their Communities?	Diverse Experiences for Learning Science, SIG-Science Teaching and Learning
AERA	Tate, Erika Finley, Jason		9-Apr-07	12:50 PM	Hyatt / Grand Ballroom, Sections E-F, East Tower - Gold Level	Individual Paper Discussion	Across Classroom Contexts, How Does the Hanging With Friends, Velocity Style! Module Support Students' Ability to Calculate and Graph Velocity?	Technology Research: Paper Discussion Session 2, Division C-Learning and Instruction / Section 7: Technology Research
AERA	Tinker, Robert	Qian Xie Ed O'Sullivan Amy Pallant	13-Apr-07	8:15 AM	Hyatt / Columbus Hall, Section G, East Tower - Gold Level	Abstract	Using Molecular Models to Help Students Understand Light-Matter Interactions	Using Technology-Mediated Visualizations to Support Chemistry Learning, Division C-Learning and Instruction / Section 4: Science
AERA	Zhang, Zhuihui (Helen)		11-Apr-07	2:15 PM	Hyatt / Riverside Center Exhibition Hall, East Tower - Purple Level	New Member Poster	Learning Energy Through Inquiry: Hydrogen Fuel Cell Cars	Technology Research: Poster Session, Division C-Learning and Instruction / Section 7: Technology Research
AERA	Zhang, Zhuihui (Helen)		13-Apr-07	8:15 AM	Hyatt / Columbus Hall, Section G, East Tower - Gold Level	Abstract	Using Scaffolded Visualizations to Support Student Understanding of Energy Concepts at Molecular and Macroscopic Levels	Using Technology-Mediated Visualizations to Support Chemistry Learning, Division C-Learning and Instruction / Section 4: Science
AERA	Zimmerman, Timothy	James Slotta	12-Apr-07	8:15 AM	Marriott / Miami, Fifth Floor	Paper	Connecting Science to Real-World Issues: A Knowledge-Integration Approach	Inquiry in the Science Classroom, Division C-Learning and Instruction / Section 4: Science

**2007 TELS Meeting Presentations**

NSTA - St. Louis, MO

<b>Meeting</b>	<b>Presenter(s)</b>	<b>Co-Authors</b>	<b>Date</b>	<b>Time</b>	<b>Location</b>	<b>Type</b>	<b>Title</b>	<b>Session Info</b>
NSTA	Robinson, Priscilla Higgins, Tara		29-Mar-07	12:30 PM	Renaissance Grand Hotel, Majestic A		School-led Professional Development to Support Inquiry Science Instruction	Presentation, Gen, General
NSTA	Kirkpatrick, Doug Higgins, Tara		30-Mar-07	12:30 PM	Renaissance Grand Hotel, Majestic A		Technology Enhanced Learning in Science: Results and Progress	Presentation, Gen, Middle Level
NSTA	Benemann, Kathy Kirkpatrick, Doug		30-Mar-07	12:30 PM	Renaissance Grand Hotel, Majestic A		Using Computer Visualizations to Teach Complex Science	Presentation, Gen, General

**2007 TELS Meeting Presentations AAAS - San Francisco, CA**

<b>Meeting</b>	<b>Presenter(s)</b>	<b>Co-Authors</b>	<b>Date</b>	<b>Time</b>	<b>Location</b>	<b>Type</b>	<b>Title</b>	<b>Session Info</b>
AAAS	Chiu, Jennifer		16-Feb-07	10:30 AM	Hilton San Francisco, Fourth Floor, Room: Union Square 19-20	Presentation	Visualizing Chemistry: How Do Students Benefit?	Chemistry Challenge: Linking Microscopic and Observable Phenomena, Track: Teaching and Learning
AAAS	Linn, Marcia		16-Feb-07	1:45 PM	Hilton San Francisco, Ballroom Level, Franciscan D	Presentation	When High Stakes Assessments Mislead: Measuring Impacts of Inquiry Modules	Can Science Assessments Promote Inquiry Learning?, Track: Teaching and Learning
AAAS	Linn, Marcia		16-Feb-07	3:30 PM	Renaissance Parc 55, Fourth Floor, Room: Parc Ballroom 3	Presentation	Can Desirable Difficulties Improve Science Learning?	The Role of Science in Improving and Sustaining Education, Track: Teaching and Learning
AAAS	Linn, Marcia Nancy Songer		16-Feb-07	1:45 PM	Hilton San Francisco, Ballroom Level, Franciscan D	Organizer, Symposium		Can Science Assessments Promote Inquiry Learning?, Track: Teaching and Learning
AAAS	Linn, Marcia Tinker, Robert		16-Feb-07	10:30 AM	Hilton San Francisco, Fourth Floor, Room: Union Square 19-20	Organizer, Moderator, Symposium		Chemistry Challenge: Linking Microscopic and Observable Phenomena, Track: Teaching and Learning
AAAS	Tinker, Robert		16-Feb-07	8:30 AM	Hilton San Francisco, Ballroom Level, Continental Ballroom 3	Presentation	Open Source Software for Mathematics and Science	Education in Developing Countries and the Global Science Web, Track: International Interactions: Conflict and Cooperation
AAAS	Tinker, Robert		16-Feb-07	10:30 AM	Hilton San Francisco, Fourth Floor, Room: Union Square 19-20	Presentation	Molecular Workbench: Testing Faith in Chemical Models	Chemistry Challenge: Linking Microscopic and Observable Phenomena, Track: Teaching and Learning