

2019 NARST Annual International Conference
 March 31 – April 3, 2019
 Baltimore, Maryland, USA

PROGRAM CHANGES

The following are changes to the printed version of the program. All changes are reflected in the online version.

Printed Program Page	Session	Change
39	<p>Concurrent Session #1 2:40pm – 4:10pm Publications Advisory Committee <i>Admin Symposium-How to Get Your Research Published in Science Education Journals</i> 2:40 PM-4:10 PM, Baltimore A <i>How to Get Your Research Published in Science Education Journals</i> Fouad Abd El-Khalick, University of North Carolina at Chapel Hill Dana Zeidler, University of South Florida Sherry Southerland, Florida State University John Settlege, University of Connecticut Gail Jones, NC State University Julia Gouvea, Tufts University Catherine Milne, New York University Christina Siry, University of Luxembourg Susan Yoon, University of Pennsylvania Kent Crippen, University of Florida Todd Campbell, University of Connecticut Geeta Verma, Colorado State University Denver Greg Kelly, Penn State University Donna King, Queensland University of Technology Carla Johnson, Purdue University Lucy Avraamidou, University of Groningen William McComas, University of Arkansas</p>	Speaker change

	Ross Nehm, Stonybrook University Gail Richmond, Michigan State University	
40	<p>Strand 13: History, Philosophy, Sociology, and Nature of Science NOS, SSI and Evolution 2:40 PM-4:10 PM, Federal Hill President: Dina Tsybulsky, Technion—Israel Institute of Technology <i>Students’ Place-based SSI Instruction Influenced Trophic Cascade Explanations and Their Association with NOS Views</i> Ben Herman, University of Missouri Robert T. Oertli, University of Missouri David C. Owens, Georgia Southern University Laura Zangori, University of Missouri</p>	Speaker change
40	<p>Strand 13: History, Philosophy, Sociology, and Nature of Science Symposium-Enhancing Nature of Science (NOS) Instruction Through Research-Guided Practices 2:40 PM-4:10 PM, Maryland A President: William F. McComas, University of Arkansas <i>Enhancing Nature of Science (NOS) Instruction Through Research-Guided Practices</i> William F. McComas, University of Arkansas William W. Cobern, Western Michigan University Erin E. Peters-Burton, George Mason University Stephen Burton, Loudoun Valley Public Schools Michael P. Clough, Texas A&M University Irene Neumann, IPN - Leibniz Institute for Science and Mathematics Education (Kiel, Germany) Dina Tsybulsky, Technion—Israel Institute of Technology</p>	Speaker change
41	<p>Concurrent Session #2 4:20pm – 5:50pm Equity and Ethics Committee <i>Admin Symposium-Science Educators Creating and Sustaining Collective Activism: Implications for Research and Practice</i> 4:20 PM-5:50 PM, Baltimore A <i>Science Educators Creating and Sustaining Collective Activism: Implications for Research and Practice</i> Organizers: Catherine Quinlan, Howard University, School of Education Melody Russell, Auburn University Gillian U. Bayne, Lehman College Of CUNY Pauline W. U. Chinn, University of Hawaii At Manoa</p>	Speaker change

	<p>James M. Nyachwaya, North Dakota State University Bhaskar Upadhyay, University of Minnesota Panelists: Sheila Borges Rajguru, New York University German Cadenas, Lehigh University Alexis Riley, Teachers College, Columbia University Wendy F. Smythe, National Science Foundation Francesca White, Indiana University</p>	
45	<p>Strand 13: History, Philosophy, Sociology, and Nature of Science <i>International Perspectives on NOS</i> 4:20 PM-5:50 PM, Federal Hill President: Zoubeida R. Dagher, University of Delaware <i>Analysis of Teachers' Ontological, Epistemological and Phenomenological Beliefs in Digital Age</i> Hillel Rozenzweig, Tel Aviv University Dina Tsybulsky, Technion—Israel Institute of Technology Ilya Levin, Tel Aviv University</p>	Speaker change
58	<p><i>Admin Symposium-NSTA's Annual Research Worth Reading Recognition</i> 1:15 PM-2:45 PM, Baltimore B <i>NSTA's Annual Research Worth Reading Recognition</i> Hyat Hokayem, Texas Christian University G. Michael Bowen, Mount Saint Vincent University Christina Siry, University of Luxembourg</p> <p>Join us in congratulating this year's recipients of the NSTA Annual Research Worth Reading award. This award is given to three research groups whose 2018 JRST articles inspire excellent teaching innovations.</p> <p>This year's recipients are: Morales-Doyle, Daniel. (2018) Students as curriculum critics: Standpoints with respect to relevance, goals, and science. Journal of Research in Science Teaching, 55(5), 749-773.</p> <p>Ãœnsal, Zeynep, Jakobson, B., Wickman, P-O., & Molander, B-O. (2018). Gesticulating science: Emergent bilingual students' use of gestures. Journal of Research in Science Teaching, 55(1), 121-144.</p>	Speaker change

	Tobin, Roger G., Lacy, S., Crissman, S. and Haddad, N. (2018). Model-based reasoning about energy: A fourth-grade case study. <i>Journal of Research in Science Teaching</i> , 55(8), 1134-1161	
70	B136. Digital Triad in Science and Technology Education Dina Tsybulsky, Technion—Israel Institute of Technology Aharon Gero, Technion—Israel Institute of Technology Ilya Levin, Tel Aviv University	Speaker change
73	Research Committee Admin Symposium-African Diasporic Science Education: Teaching and Learning Through Activism 10:00 – 11:30 AM, Baltimore A African Diasporic Science Education: Teaching and Learning Through Activism Mary M. Atwater, University of Georgia Rona M. Robinson-Hill, Ball State University Justin Shaifer, Fascinate Inc.; Columbia University	Time change
77	Research Committee Admin Symposium-Integrating Science and Engineering with a Focus on Evidence of Student Learning 8:00 – 9:30 AM, Baltimore A Integrating Science and Engineering with a Focus on Evidence of Student Learning Selcen Guzey, Purdue University Senay Purzer, Purdue University Kerrie Douglas, Purdue University James Pellegrino, University of Illinois at Chicago Corey Schimpf, Purdue University Kristen B. Wendell, Tufts University Jessica Watkins, Vanderbilt University	Time change
86	Concurrent Session #10 4:15pm – 5:45pm Research Committee Admin Symposium-Embodying Collective Activism in Science Education Research: Philosophies, Praxis, and Pragmatics 4:15 PM-5:45 PM, Baltimore A Embodying Collective Activism in Science Education Research: Philosophies, Praxis, and Pragmatics Phillip A. Boda, Stanford University Ryan Summers, University of North Dakota Shirley R. Steinberg, University of Calgary Carolyn A. Parker, American University	Speaker change

	<p>Pauline W. U. Chinn, University of Hawaii At Manoa Ying-Chih Chen, Arizona State University Deborah J. Tippins, University of Georgia Tina Vo, University of Nevada- Las Vegas Alberto J. Rodriguez, Purdue University Jennifer Adams, University of Calgary Tali Tal, Technion, Israel Institute of Technology Sami Kahn, Ohio University</p>	
95	<p>Concurrent Session #11 8:30am – 10:00am International Committee <i>Admin Symposium-The Role of Science Education in a Changing World: Identity, Language, and Equity</i> 8:30 AM-10:00 AM, Baltimore A <i>The Role of Science Education in a Changing World: Identity, Language, and Equity</i> Jennifer Adams, University of Calgary Saouma B. Boujaoude, American University of Beirut Digna Couso, Crecim-Universitat Autònoma De Barcelona Christa Haverly, Michigan State University Shakhnoza Kayumova, University of Massachusetts-Dartmouth Paul Le, University of Colorado Denver Christina Siry, University of Luxembourg Seema Rivera, Clarkson University Carla Zembal-Saul, Pennsylvania State University Sara E. Wilmes, University of Luxembourg Lucy Avraamidou, University of Groningen, Netherlands Theila Smith, University of Groningen, Netherlands Sara Salloum, University of Balamand, Lebanon</p>	Speaker change

The following committees were inadvertently omitted from the printed copy of the program.

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