

NCTM 2017 Research Conference

Schedule-at-a-Glance: Monday/Tuesday

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Legend	Research Report	Research Symposium	Invited Session
	Discussion Session	Poster Session	Opening/Plenary Session

	Room 205	Room 206A	Room 207A	Room 207B	Room 210A	Room 210B	Room 212A	Room 212B	Room 213A	Room 214A	Room 214B	Room 214C	Room 214D
Monday 5:30 p.m.- 7:00 p.m.	STEM Education: Geography as Destiny? – William F. Tate, IV #1: Opening Session – Room 217ABC												
Tuesday 8:30 a.m.- 9:45 a.m.	#2: Connecting Preservice Teachers' MKT & Their Eliciting of Students' Thinking Boerst, Farmer, Shaughnessy	#3: Researching Facilitation Practices: A Discussion Across Three Contexts Gibbons, Fox, Lewis, Nieman, Jackson, Kobiela, Lin, Villa III, Jarry-Shore <i>Discussant:</i> Elliott	#4: Using Math-eos, Digital Stories, for Problem Solving in Math Education Goldsy, Parker, Walters	#5: Student Conceptions of Number Lines: Challenges in Assessing Understanding Borowski, Jacobson	Research Reports Session #6: RR1	Research Reports Session #7: RR2	Research Reports Session #8: RR3	Research Reports Session #9: RR4	Research Reports Session #10: RR5	#11: Using Immersive Mathematics to Drive Equitable Learning Opportunities Badertscher, Dankmeyer, Winger, Young <i>Discussant:</i> Cuoco	#12: Teaching Dividing Fractions Using Learning Trajectory in China and the U.S. Huang, Han, Haupt, Kimmins, Winters <i>Discussant:</i> Sztajn	#13: Amplifying Equity within Mathematics Education Research: From Choice to Collective Responsibility Aguirre, Herbel-Eisenmann, Celedón-Pattichis, Civil, Wilkerson, Stephan, Pape, Clements	#14: Reflections from a U.S.–Finland Workshop and Other Activities of the United States National Commission on Mathematics Instruction Remillard, Burrill
Tuesday 10:00 a.m.- 11:15 a.m.	#16: How Do You Know What Students Know: Progress Monitoring in Algebra I Dougherty, DeLeeuw, Karaman	#17: Alignment Between Secondary and University Mathematics Courses Marynowski	#18: Designing a Unique Professional Development Model to Support Co-Teaching Livers, Harbour	#19: Urgency in Math Classrooms: Research Partnerships for Instructional Change Lange	Research Reports Session #20: RR6	Research Reports Session #21: RR7	Research Reports Session #22: RR8	Research Reports Session #23: RR9	Research Reports Session #24: RR10	#25: Findings From Research in Out-of-School Mathematics and STEM Programs Erchick, Wiest, Crawford-Ferre, Hodge, Squires	#26: Elementary Mathematics Specialists and Departmentalized Teaching Assignment Webel, Austin, Conner, Sheffel, Tarr <i>Discussant:</i> Spangler	#27: Mathematics Education in and with Indigenous Communities Hunter, Nicol, Nelson-Barber	
Tuesday 11:30 p.m.- 12:45 p.m.	#31: Teacher Knowledge in a Professional Development Focused on English Learners DePiper, Buffington, Nikula	#32: Pre-Service Teachers' Conceptions of Virtual Manipulatives Ortiz, Eisenreich, Tapp	#33: Characterizing MTE Feedback: Learning From an Instantiation of Practice Lischka, Hillman, Kastberg	#34: Developing Written, Prompt-Sensitive Measures of Multiplicative Reasoning H. Johnson, Sutton, Tzur, Wang	Research Reports Session #35: RR11	Research Reports Session #36: RR12	Research Reports Session #37: RR13	Research Reports Session #38: RR14	Research Reports Session #39: RR15	#40: Learning from Dialogue-Intensive Online Math Videos Lobato, Voight, Walker, Walters <i>Discussant:</i> Vahey	#41: New Research Integrating Measurement and Multiplication in Middle Grades Izsák, Barrett, Beckmann, Cullen, Kulow <i>Discussant:</i> Knuth	#42: Mathematics Learning and Students with Disabilities Powell, Hunt, Torres-Velásquez, Lewis	#43: Contributing to the Knowledge Base of Mathematics Teacher Educators: How Successful MTE Authors Address Reviewers' Feedback and the Revise and Resubmit Process Bieda, Crespo, Elliott, Baldinger, Selling
Tuesday 1:45 p.m.- 3:00 p.m.	#46: Teacher Perceptions of Mathematicians' Video Narratives Fletcher, Walker	#47: Measuring the Common Core Standards with van Hiele's Geometry Levels Kidd	#48: Mindfulness, Mindset, Content Knowledge, and Anxiety in Preservice Teachers Gertenschlager, Tassell	#49: Mapping Fraction Misconceptions to the Common Core Jacobson, Liu	Research Reports Session #50: RR16	Research Reports Session #51: RR17	Research Reports Session #52: RR18	Research Reports Session #53: RR19	Research Reports Session #54: RR20	#55: Monitoring the Vital Signs of Classroom Life McGarvey, Mgombelo, Proulx, Simmt, Towers	#56: PrimeD: A PD Framework to Build Partnerships and Empower Teachers Ronau, Bush, Cook, Mohr-Schroeder, Saderholm <i>Discussant:</i> Rakes	#57: Paired-Placement: A Collaborative & Empowering Model for Clinical Teaching Whitfield, Conway, Erickson, Parrish, Strutchens	#58: Publishing JRME-Worthy Studies That Honor Equity Wood, Spencer, Weber
Tuesday 3:15 p.m.- 4:30 p.m.	#61: Women in STEM: Identifying and Lowering the Barriers Hart	#62: Mathematical Immersion through Virtual Reality for Children with Cancer Nickels, Fralish	#63: Preservice Teachers' Knowledge and Use of Transnumeration Daiga	#64: The Missing Link: Gauging Disposition Toward Problem Solving Mall	Research Reports Session #65: RR21	Research Reports Session #66: RR22	Research Reports Session #67: RR23	Research Reports Session #68: RR24	Research Reports Session #69: RR25	#70: Implications of Algebra Policies and Practices for Equity and Access Keazer, Herbel-Eisenmann, Remillard, Steele, Taton	#71: Equitable Learning & Instruction in Mathematics: Bridging Perspectives Haines, Nazemi, Sung, Williams, Wilson	#72: How America's Current Reform Agenda Could Reverse Decades of Progress in Mathematics Education Theule Lubienski, Lubienski	#73: Connectivity: Affordances of Learning with Simulation-Based Apprenticeship Vu-Minh, Boileau, Shultz
Tuesday 4:30 p.m.- 6:00 p.m.	Poster Sessions and Reception Tower View and Park View Lobby												
	DISCUSSION SESSIONS				RESEARCH REPORTS					RESEARCH SYMPOSIUMS			INVITED SESSIONS

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Schedule-at-a-Glance: Wednesday

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Wednesday 8:00 a.m.-9:15 a.m.	#121: Developing an Adaptable Instrument to Measure Professional Noticing Skills Jong, Fisher, Schack, Thomas	#122: Classroom-Based Professional Development Models Rhodes, Gibbons, Lewis	#123: Algebra Teachers' Engagement with Computational Thinking Perez, Braaten, Scharfenberger	#124: Beyond "Mickey Mouse Math": Access and Equity in Secondary Methods Courses Liu Sun, Baldinger, Id-Deen, Waller	Research Reports Session #125: RR26	Research Reports Session #126: RR27	Research Reports Session #127: RR28	Research Reports Session #128: RR29	Research Reports Session #129: RR30	#130: Research on Mathematics Teachers, Teaching, and Professional Development Spangler, Herbst, Sztajn	#131: Learning about Mathematics Classroom Discourse: Impact on Three Contexts Herbel-Eisenmann, Cirillo, Goff, Pyne, Steele	#132: Empowerment Through Access and Equity Larson	#133: Supporting a State-Level Implementation of Mathematics Standards through Collaborative Design Wilson, McCulloch, Webb, Curtis
Wednesday 9:30 a.m.-11:00 a.m.	Joy: The Zeroth Mathematical Practice – Amy Noelle Parks, Anita Wager #135: Plenary Session – Room 217ABC												
Wednesday 11:15 a.m.-12:30 p.m.	#136: Can/Should K-12 Students Learn Mathematics Theory-Building Practices? Bass	#137: The Role of Reification in Analyzing Teacher Learning Bannister, Arbaugh, Simpson	#138: Professional Development Focusing on Listening and Questioning Kuehnert, Eddy, Pratt	#139: Arc of Learning Framework: Developing Conceptual Understanding Edson, Grant, Phillips	Research Reports Session #140: RR31	Research Reports Session #141: RR32	Research Reports Session #142: RR33	Research Reports Session #143: RR34	Research Reports Session #144: RR35	#145: Teachers' Representations of Relations among Different Kinds of Quantities Carraher, Liu, Schliemann <i>Discussant:</i> Lehrer	#146: Working toward Ambitious and Equitable Mathematics Instruction at Scale Jackson, Garrison Wilhelm, Munter, Nazemi, Sharpe, Wilson <i>Discussant:</i> Rubel	#147: Mathematics Education Research, Policy, and the National Science Foundation Hjalmarson, Ronau	#148: Writing for NCTM Journals: Publishing Your Research in Teacher-Friendly Articles Chavez, Robichaux-Davis, Wilburne
Wednesday 1:30 p.m.-2:45 p.m.	#151: Should Preservice Teachers Engage in Discussion about Transfer? Diamond, Keels	#152: Lessons Learned Comparing Students of Varying Spatial Visualization Ability Schmidt	#153: 2015 TIMSS, TIMSS Advanced, PISA and NAEP: What Can We Learn From Them? Gattis, Arora	#154: Framework to Evaluate Curriculum Materials That Support Teacher Learning Ma, Quebec Fuentes	Research Reports Session #155: RR36	Research Reports Session #156: RR37	Research Reports Session #157: RR38	Research Reports Session #158: RR39	Research Reports Session #159: RR40	#160: Classroom Observations: Three Efforts to Measure and Improve Teaching Seago, Hill, Stein	#161: Understanding the Rationality of Teaching Using Multimedia Questionnaires Herbst, Boileau, Dimmel, Erickson, Ko <i>Discussant:</i> Chazan	#162: We Can Succeed in STEM: Ensuring Equitable Opportunities and Support to All Li, Martinez Ortiz, Shah, López Leiva	#163: Rehearsals in Methods Courses: How to Analyze Evidence of Learning? Boyle, Ko, Males
Wednesday 3:00 p.m.-4:15 p.m.	#166: EnCoMPASS: Using Technology to Creatively Disrupt Normative Practice Klein, Shumar	#167: How Should Time Be Allocated during Math Preparation for K-6 Teachers Hiebert, Berk, DiNapoli, Mixel, Young	#168: Variation and Intentionality in Teaching Mathematics Methods Courses Sanchez, Casey, Fox, Taylor	#169: Graspable Math: A Technology for Assessing Multiple Strategies at Scale Ottmar, Landy, Manzo	Research Reports Session #170: RR41	Research Reports Session #171: RR42	Research Reports Session #172: RR43	Research Reports Session #173: RR44	Research Reports Session #174: RR45	#175: Spatial Skills and Mathematics Problem Solving Theule Lubienski, Carr, Rittle-Johnson			#178: MET Grant Research & Research Findings Seitz, Van Duzer
	DISCUSSION SESSIONS				RESEARCH REPORTS					RESEARCH SYMPOSIUMS		INVITED SESSIONS	