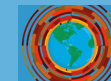


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|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| KEYNOTE SESSIONS                                      | Teaching in an Era of the Common Core: Why All Mathematics Teachers Need Political Knowledge<br>Rochelle Gutiérrez                                                   |                                                                                                                                                                                                                             |                                                                                                                              | Positioning Latino English Language Learners for Success: Lessons Learned from Inspirational Teachers<br>B. Chval                                     |                                                                                                                                                       |                                                                                                                                                                                             | Kathryn                                                                                                                                                                                           |
| IMPACT<br>(3 hour session)<br>With Follow-up Sessions | Promoting the Mathematical Success of Emergent Bilinguals Through Problem Solving<br>Sylvia Celedon-Pattichis, Sandra I. Musanti<br>K-5                              | The 4Cs of Mathematics Instruction: Collaborate, Create, Communicate, and Critique<br>John Carter<br>6-12                                                                                                                   | Learning and Assessing Big Ideas: Accessible Tasks for All<br>Barb Dougherty<br>K-8                                          | Practical Strategies for Building Language-rich Classrooms<br>Steve Leinwand<br>K-12                                                                  | Equity and Access in Secondary Mathematics Education for ELLs<br>Rick Kitchen, Barbara Trujillo<br>6-12                                               | CityDigits: Critical, Place-Based Approaches to Teaching & Learning Mathematics<br>Laurie Rubel, Vivian Lim, Lauren Shookhoff, Phiola MacFarlane, Soledad Fernandez, Alex Cristando<br>6-12 |                                                                                                                                                                                                   |
| IGNITE Luncheon Presentations                         | IGNITE SESSIONS<br>Steve Rasmussen, Harold Asturias, Gloria Brooks-Brown, Kendall Brown                                                                              |                                                                                                                                                                                                                             |                                                                                                                              |                                                                                                                                                       |                                                                                                                                                       |                                                                                                                                                                                             |                                                                                                                                                                                                   |
| INVESTIGATE<br>(60 and 90 Minute Sessions)            | Strategies for Supporting English Learners in the Standards for Mathematical Practice<br>Johannah Nikula, Mark Driscoll, Jill Neumayer-DePiper<br>K-8                | "Scaling Up" Student Learning for English Language Learners<br>Kathy Horak Smith, Cecilia Silva, Molly Weinburgh, Audra Cozart, Natalie Smith<br>K-8                                                                        | Algebra Students Actively Model Linear Functions<br>Michael Lutz<br>Gr. 6-12                                                 | Making Group Smartness a Goal and a Reality in Your Mathematics Classroom<br>Sandra Crespo, Marcy B. Wood<br>General Interest                         | Using Technology Enhances Accessibility for Struggling Students in Algebra I<br>Judith Olson, Fay Zenigami, Melfried Olson, Hannah Slovin<br>Gr. 6-12 | Using Geometry to Program the HTML5 Canvas<br>James R. Town, Elaine Blomeyer<br>Gr. 6-12                                                                                                    |                                                                                                                                                                                                   |
|                                                       | Teaching Fraction Operations with Manipulatives: Strategies to Engage Every Learner<br>Sara Delano Moore<br>K-5                                                      | Exploring Practices that Support the Common Core State Standards in Mathematics with English Language Learners<br>Craig Willey, Judit Moschkovich, Cynthia Anhalt, Kathryn Chval, Angela Thompson, Carlos LopezLeiva<br>K-8 | Empowering Student Presentations<br>Susan Norton-Scott<br>Gr. 6-8                                                            | Implementing Mathematical Practices Strategies that Work for ELL and Struggling Students<br>Janie Zimmer, Lynn Columba<br>K-12                        | The What, Who, and How of Equity in Mathematics Teacher Education<br>Mathew D. Felton<br>Gr. K-8                                                      | Promoting Equity in Mathematics Through the Use of Interactive Simulations<br>Karina K. R. Hensberry<br>General Interest                                                                    | Infusing Dynamic Software on a Rich Task: Enhancing ELLs Learning Opportunities<br>Alejandra Sorto, Carlos A. Mejia Colindres, Rachel Bower<br>Gr. 6-8                                            |
|                                                       | Mathematization, The CCSS-M, and Bilingual Students<br>Carlos A. López Leiva<br>K-5                                                                                  | Developing Equity in the Mathematics Classroom: How mathematics Teacher Educators Address Working with ELLs<br>Linda Ann Arnold<br>General Interest                                                                         | Motivating Students via Technology with Three Acts<br>Eric Milou<br>Technology<br>K-5                                        | Strategies for Helping Pre-Algebra Students Develop Symbol Sense in Grades 6-8<br>Ann Lawrence<br>Gr. 6-8                                             | Cultural Dialogue in Mathematics: Creating New Perspectives<br>Matthew N. Petersen, Gin McCollum, Swapna Mukhopadhyay<br>General Interest             | Monitoring ELLs Language Progress: A Writing Portfolio in Mathematics Classrooms<br>Alma Cardenas-Rubio and Patricia Quesada<br>General Interest                                            | Making Math Meaningful: Strategies for Developing Academic Vocabulary<br>Kimberly Rimbey, Chryste Berda<br>K-5                                                                                    |
|                                                       | Utilizing Complex Instruction to Engage Students in the CCSS Standards for Mathematical Practice<br>Amy McDonald<br>K-5                                              | Modifications to Make Challenging Mathematics Accessible<br>Zandra de Araujo, Ji Yeong I, Joy Oxford<br>General Interest                                                                                                    | Triangulating Mathematical Practices, Common Core Standards and Differentiation<br>Erika J. De La Cueva, Jaime Acosta<br>K-8 | Enhancing Language Acquisition in Mathematics Lessons<br>William A. Jasper<br>Gr. 6-12                                                                | Elementary Preservice Teacher Across an Urban and Rural Student Teaching Experience<br>Anne Estapa<br>K-5                                             | Engaging with Indigenous Perspectives in Mathematics Teacher Development<br>Florence Glanfield<br>General Interest                                                                          | What Does Equity Look Like for a Future Teacher? An Inside Look into the Noticing of an Elementary Preservice Teacher Across an Urban and Rural Student Teaching Experience<br>Anne Estapa<br>K-5 |
|                                                       | Equity and Access in a 3rd grade Collective Inquiry of Fractions: Connecting Diversity with Academic Excellence<br>Frank Heimerdinger and Swapna Mukhopadhyay<br>K-5 | Reaching At Risk Students in Algebra 1 or Math 1<br>Lisa Miller<br>9-12                                                                                                                                                     | National Council of Supervisors of Mathematics President Exchange<br>Gr.                                                     | Si Se Puede: A Lesson Analysis Tool to Promote Culturally Responsive Mathematics Teaching<br>Julia Aguirre<br>General Interest                        |                                                                                                                                                       | Educators of Native American Students-Bridging the Gap<br>Sgarlotti, James Barta<br>General Interest                                                                                        |                                                                                                                                                                                                   |
|                                                       | Supporting Mathematical Meaning Making through Technology: Provoking Questions and Guiding Discourse with Urban Youth<br>Andrew Gatza, Craig Willey<br>6-8           | Collaborative Games as a Teaching Strategy for English Learners<br>Greisy Winicki Landman, Jennifer Montgomery, Sunny Chin-Look<br>K-12                                                                                     |                                                                                                                              | Successful ELL Activities and Strategies to Implement CCSSM Content and Practice Standards for Number Sense and Fractions<br>Caryl Pierson<br>Gr. 2-6 |                                                                                                                                                       | Using a Tablet to Enhance Learning for ELLs and Struggling Students<br>Angela Thompson<br>Gr. 9-12, College                                                                                 | Video Investigations in Geometry<br>Michael Serra<br>Gr. 9-12                                                                                                                                     |

June 26th - June 28th



# TODOS 2014 Conference Sessions and Speakers



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|---------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|--|
| INNOVATE<br>(Three highly interactive, 15-minute, roundtable discussions) | Building Bridges through Creative Practice: Making the Transition to CCSSM<br>Clare V. Bell, Jennifer Gawin<br>K-5                                                                                               | Differentiation: Effective Strategies for Meeting the Expectations of CCSS and the Needs of ALL<br>Stefanie D. Livers<br>K-5 |                                                                                                           | It's Math - What's There to Talk About?<br>Maggie Hackett<br>K-8                                                                  |                                                                                                                                                                         | Jumping Frogs<br>Sylvia Olmos and Sherry Ayala<br>6-8                                                                  |  |
|                                                                           | Exploring Mathematical Modeling Reflected in Elementary Mathematics Lesson Plans<br>Lynette Guzman, Frances Harper; Julia Aguirre, Tonya Bartell, Corey Drake, Mary Foote, Amy Roth McDuffie, Erin Turner<br>K-5 |                                                                                                                              |                                                                                                           | Is the Brain a Sponge or a Colander: Connecting Brain Research and Rigor in the Common Core<br>Melissa Hosten<br>General Interest |                                                                                                                                                                         | A Model Saturday STEM Academy for Recruitment of Teachers and Retention of Students<br>Viji K. Sundar, Aghassi<br>6-12 |  |
|                                                                           | Student TODOS Affiliate: Future Leaders in the Classroom<br>Yolanda A. Parker<br>General Interest                                                                                                                | Complex Instruction with Equal Social Status in Small Group Work<br>Deborah Parslow, Jennifer Hendrickson<br>K-5             |                                                                                                           |                                                                                                                                   | A Framework for Connecting Natural Language and Symbol Sense in Mathematical Word Problems for English Language Learners<br>Luciana de Oliveira, Rachael Kenney<br>6-12 |                                                                                                                        |  |
|                                                                           | Quantitative Literacy IS Social Justice<br>Brian Beaudrie, Jeffrey Hovermill<br>General Interest                                                                                                                 |                                                                                                                              | What was their Reasoning?<br>Assessing ELLs Mathematical Knowledge<br>Gorjana Popovic<br>General Interest |                                                                                                                                   |                                                                                                                                                                         | A Novel Approach for Developing the Common Core Practices<br>Jennifer Kinser-Traut<br>6-12                             |  |
| KAY GILLILAND<br>EQUITY SERIES                                            | TODOS or NCTM Current and Former Presidents<br>Honoring the Memory of TODOS Friend and Colleague: Kay Gilliland                                                                                                  |                                                                                                                              |                                                                                                           |                                                                                                                                   |                                                                                                                                                                         |                                                                                                                        |  |
|                                                                           | Teaching MATH to ELL and ALL - in the Same Classroom<br>Miriam Leiva<br>K-12                                                                                                                                     | Developing an Equity Leadership Lens<br>Nora Ramirez<br>K-8                                                                  | Equity EQUALS Respect<br>Jose Franco<br>General Interest                                                  | Teaching for Progress in Rigor<br>Don Balka<br>3-8                                                                                | Equity in Mathematics Educaiton Leaders: The Kay Gilliland Model<br>Susie Hakansson<br>General Interest                                                                 | These are a Few of Kay's Favorite Tasks!<br>Linda Gojak<br>General Interest                                            |  |