

TODOS 2018

It's *ALL* about *ALL* Students Learning Quality Mathematics:
Advocating for Equity and Social Justice

Investigate Speakers

The themes of the 2018 conference will be introduced by dynamic presenters who are experts in their field and will provide you with a framework for applying your focus for learning through the conference.

Register at <http://www.todos-math.org/>

Themes

- Centering Language, Literacy, and Culture in Mathematics
- Building on Student, Family, and Community Strength
- Moving Beyond Mathematics Standards-Based Curriculum Through Tasks, Technology, Social Media, and Assessment
- Opening Gates: Advocacy and Activism in Mathematics Education for ALL

Investigate Sessions are 90 minutes in length and will involve engagement in ideas and strategies presented so that participants obtain pragmatic strategies that will impact their settings. Rooms will be set in rounds of 8 with a maximum of 64 participants. High levels of participation are expected so that participants will have opportunities to learn from others and consider implementation in different contexts. .

Kyndall Brown & Ellen Barger

Learning While Black/Brown: Studying Disproportionality Inside and Outside of the Education System

Pamela Buffington & Peter Tierney-Fife

Using Visual Representations in Mathematics: Access and Equity for English Learners

Amber Grace Candela & Melissa Boston

Using Observation ToolX to Promote Access and Equity in Mathematics through High Cognitive Demand Tasks in Inclusive Classrooms.

Melinda Eichhorn, Amanda Lowry, & Kristen Burke

Strategies for Access and Success Across Student Groups through Universal Design for Learning

Florence Glanfield, Dawn Wiseman, & Lisa Lunney Borden

How Indigenous and Non-Indigenous Ways of Knowing, Being, and Doing Might Circulate together in Mathematics Education?

Susie Håkansson

Use a Leadership Pedagogy to Advocate for Social Justice in Mathematics

Carlos Nicolas Gomez & Stacy R. Jones

Using Argumentation to Interrogate Practice: Deconstructing Arguments to Reflect on Classroom Discourse

Alan O'Bryan & Zareen Rahman

Dynamic Iconic Problems in Algebra: Supporting Quantitative Reasoning, Multiple Representations of Mathematical Ideas, Alternative Solution Methods, and Mathematical Reasoning for All Students

Sharon Rendon

Algebra Tiles, Let's Call Them Tools Not Toys. Exploring Variables and Expressions Concretely

James Sheldon & Susan Courey

An Inqu[ee]ry into LGBTQ and Mathematical Identity

Ksenija Simi-Muller & Crystal Calinec-Craig

Toward an Antiracist Mathematics Classroom

Turner, Julia M. Aguirre, Mary Q. Foote, Amy Roth McDuffie, Cynthia Anhalt, & Marta Civil

Mathematizing the World: Routines and Tasks that Foster Mathematical Modeling with Cultural and Community Contexts
