



Mathematics for ALL

The founding of *TODOS: Mathematics for ALL* came from efforts of mathematics educators as well as from the National Council of Teachers of Mathematics (NCTM) through its Equity and Diversity Advisory Committee. At the 2001 and 2002 Annual Meetings, NCTM sponsored sessions that addressed the teaching of Hispanic students. Through these sessions, over 100 individuals began an electronic dialogue on language, culture, and equity that led to 10 educators establishing TODOS in February 2003.

The mission of TODOS is to advocate for an equitable and high quality mathematics education for all students—in particular, Hispanic/Latino students—by increasing the equity awareness of educators and their ability to foster students' mathematical proficiency in rigorous and coherent mathematics. TODOS is an affiliate of NCTM and is a member of the Conference Board of the Mathematical Sciences (CBMS). The membership is diverse regarding gender, ethnicity, professional levels, positions, and geographic regions.

TODOS has gained a national reputation as a resource in STEM education for underserved student populations in achieving the goal of providing a diverse workplace in the future. Several invitations to participate in national discussions reflect this.

- President Obama's Advisory Commission on Educational Excellence for Hispanic Americans meetings at the White House, represented by Miriam Leiva, TODOS Founding President.
- National Conversation on English Language Education meetings hosted by the Office of English Language Acquisition (OELA) and the Office of Elementary and Secondary Education, U.S. Department of Education, in partnership with the White House Initiative on Educational Excellence for Hispanic Americans and the White House Initiative on Asian Americans and Pacific Islanders.
- STEM Roundtable, coordinated by OELA-DOE and (National Clearing House for English Language Acquisition (NCELA), focusing on the needs of English Language Learners in STEM, represented by José Franco, current TODOS President.
- Latino Education Conference 2010 panels in Washington, D.C.
- A major partner in the National Hispanic STEM Initiative whose purpose is to form strategic collaborations between stakeholder groups and organizations in order to maximize education outcomes for Hispanic students in the STEM fields.
- Co-founder of the Coalition for Equity and Excellence in Mathematics Education (CEEME) with NCTM, NCSM, Association of Mathematics Teacher Educators (AMTE), Women in Mathematics Education (WME), Benjamin Banneker Association (BBA), and North American Study Group on Ethnomathematics (NASGEM).

In the few years since its inception, TODOS has accomplished a great deal with the support of sponsors, hard work by volunteers among the membership and the able leadership of three presidents, Miriam Leiva, Nora Ramirez and José Franco. We have no paid staff. Some of these accomplishments are:

- A web site, www.todos-math.org.
- A member listserv.
- A monthly e-newsletter to members since 2008.
- A newsletter, *Noticias de TODOS*, published twice a year since 2004.
- TODOS LIVE! webinar series that engaged our members in experiences, discussions and reflections on topics related to our mission and goals and implemented research-based instructional strategies that are effective with Hispanic/Latino/a students.
- Student affiliates. Chartered the first affiliate in 2011 at California State University Fullerton.
- Two volumes of the refereed journal for teachers and other practitioners at all levels, *Teaching for Excellence and Equity in Mathematics (TEEM)* in 2009 and 2010. Visit the TODOS web site to view

an excerpt; members of TODOS may download the entire journal after login. The third volume is in progress, and manuscripts are welcome year-round. Visit

<http://www.math.utep.edu/Faculty/lessner/TEEM.html> for information.

- Two volumes of the refereed Research Monograph of TODOS: Mathematics for ALL, Volume I: *Promoting High Participation and Success in Mathematics by Hispanic Students: Examining Opportunities and Probing Promising Practices* in 2008 and Volume II, *Assessing English Language Learners in Mathematics* in 2010. A third volume is in progress.
- Two editions of *Bibliography of Diversity and Equity in Mathematics Education* in 2004 and 2007.
- An activity booklet to use with the set of posters, *Mathematics of the Americas*, in 2009.
- A series of mathematics lessons for teachers based on research and best practices, merging important mathematics content with the use of technology and best pedagogical practices for ELLs and ALL learners.
- The Iris M. Carl Leadership and Equity Award to recognize an individual who has made significant contributions to the quality of mathematics education provided to underserved students. The Award, our most prestigious, is presented during the TODOS Annual Business Meeting and Session at the NCSM Annual Conference.
- Awards for students in the greater San Diego area in conjunction with the Greater San Diego Mathematics Council (GSDMC) Conference.
- Other student awards, both nationally and during selected NCTM Annual Meetings and Regional Conferences
- TODOS Professional Development awards for conference attendance by members when sponsorship funding was available.
- Speaker strands at numerous conferences, including the NCTM Annual Meetings, with some support for speaker travel through a fund created with contributions.
- Co-sponsor of the 2010 conference in Bakersfield, California, *Mathematics Education: Connecting Research to Practice*, which included a strand on the TODOS-TI Middle School Proportional Reasoning Project.
- Co-sponsor in March 2010 of *Practitioners and Researchers Learning Together: A National Conference on the Mathematics Teaching and Learning of Latinos/as* in Tucson, Arizona, with the Center for the Mathematics Education of Latinos and Latinas (CEMELA) and the Center for Proficiency of Mathematics Teaching (CPMT). Proceedings are available on the TODOS Website.
- Extensive support and books for schools designated as TODOS schools (Navajo Elementary School in Albuquerque, NM and Atkinson Middle School in Phoenix, AZ) and funding for teachers from them as well as other TELM schools to attend the California Mathematics Project Conferences and Lesson Study Conferences.
- Teaching English Learners Mathematics (TELM) project at Cartwright School District in Phoenix, Arizona.

TODOS received generous support from a number of sponsors for founding meetings, electronic communications, publications, awards, conference attendance. These sponsors include CASIO, California Mathematics Project, Conceptua® Math, Diversified Partners, Duke Energy Foundation, Houghton Mifflin Harcourt, Pearson, Key Curriculum, Lola May Foundation, Mathematics Education Trust of the NCTM, Math Solutions, McDougal Littell, McGraw-Hill, National Education Association, and Texas Instruments.

In order to serve as many stakeholders as possible, TODOS dues are kept very low compared to other national professional organizations--\$25 per year with discounts for multiple years, school memberships and pre-service teachers. For more information and a sample of member benefits, visit www.todos-math.org .