

NOTICIAS de TODOS

News from TODOS: Mathematics for ALL

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Spring 2012, Volume 8, Number 1

www.todos-math.org

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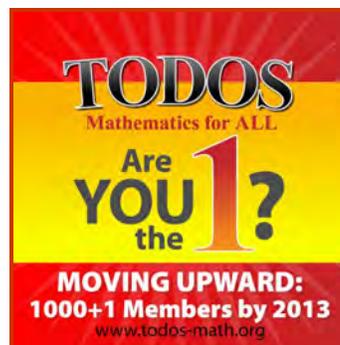
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The mission of **TODOS: Mathematics for ALL** is to advocate for an equitable and high quality mathematics education for all students — in particular, Hispanic/Latino students — by increasing the equity awareness of educators and their

2nd YEAR of the TODOS Membership Campaign at NCTM

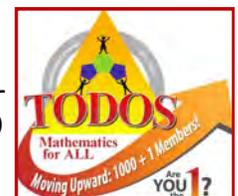
By María E. Torres



For the second year of the **TODOS Membership Campaign** shiny new TODOS buttons “**Are you the 1?**” were distributed at the TODOS exhibit booth at the 2012 NCTM Annual Conference and Exposition in Philadelphia. The membership campaign strives to increase our membership to bring TODOS message everywhere around the country and abroad.

During the NCTM Conference approximately 250 visits received, in addition to their button, previous issues of TODOS Noticias and other informative resources. The visitors were also given treats—rulers and gel highlighters donated by Shell Oil Company.

Volunteers greeted visitors to the booth and at the Salsa Party on Thursday evening and were successful in recruiting 40 new members and assisting some 30 members in renewing their TODOS membership. Most renewing members opted to renew for three years.



On the picture, María Torres (left) with member Lorraine Howard at the TODOS booth.

The **twenty-one dedicated volunteers** included Don Balka, Ed Dickey, Carol Edwards, Linda Fulmore, Florence Glanfield, Kay Gilliland, Margaret Goldsmith, Susie Hakansson, Harriet Haynes, Lorraine Howard, Cynthia Hillman-Forbush, Vessela Ilieva, Mark Jaffee, Bill Jasper, Bob McDonald, Linda Proudfit, Eliana Rojas, Richard Sgarlotti, Roel Torres, Pat Trafton, and Trena Wilkerson.

For membership information, please contact TODOS Members Services at met@todos-math.org

President's Corner: News From the President

By Don Balka



A New Journey

On April 25, President José Franco and Vice President Bob McDonald, both founding members of our organization, turned over the reigns of TODOS to me as the fourth President in our short history. I look forward to keeping TODOS out front as we focus on our mission of advocating for equitable and high quality mathematics education for all students and on meeting the goals established almost ten years ago.

With limited finances, your TODOS Board of Directors and Executive Secretary give countless hours to provide members with opportunities and information that aid in fostering student achievement in mathematics. As José noted two years ago, TODOS needs to increase our financial resources. We have relied heavily on the support of publisher friends for many years, but that continued assistance is dwindling due to financial difficulties in the publishing world. The organization is seeking outside sources for a variety of projects. TODOS members with experience in contacting these new avenues have been added to the Resource Committee. In order to remain an active organization with a reasonable membership fee, we need to continue finding ways to fund our activities and publications.

The TODOS membership is increasing! Our Member Services Committee, chaired by María Torres, has done an outstanding job in making educators aware of TODOS. With our 10th anniversary as an organization approaching in Denver next year, María has launched a membership drive, *Moving Upward*, to reach 1000 AND 1 members by April 2013. Will you be that 1001st member? By all means, don't forget to renew your membership! Your membership renewal data is located on the mailing page of this issue.

Talk to your colleagues about joining us, especially those who once were members but whose memberships have since lapsed. There are many, many in this category!

Although our NCTM MET grant has finished, TODOS Live! continues. The Committee, chaired by Sandra Crespo, actively seeks TODOS members to present online webinars on a variety of topics.

Balka, continued on p. 3

2012 Student Award Winners

TODOS and Texas Instruments honored students and their nominating teachers during two conferences this year. The students received a **Texas Instruments Calculator**, and their teachers received a one year membership in TODOS. Awardees are students who belong to underserved populations, have demonstrated continued success in mathematics while striving to go "above and beyond" in some areas of their interest.

Greater San Diego Math Conference February 2012

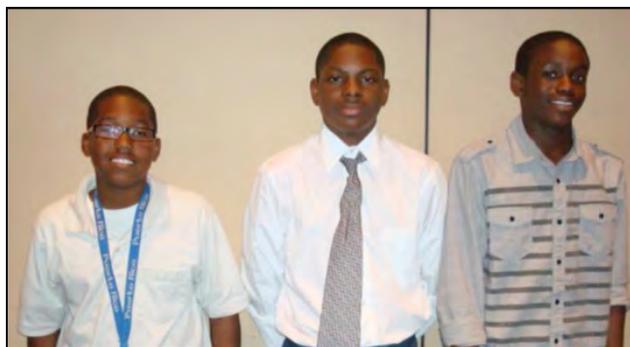
The eight awardees were: Back Row: Carlos A., Ariana N., José R., Kristian O. Front row: Gabriel C., Alberto R., Citlally C., and Arianna R.



Special thanks to Gene Arnedt, Carol Edwards, Susie Hakansson, Bill Jasper and Steve Klass for their work in this event

Philadelphia NCSM/NCTM, April 2012

The three awardees were: Jeffrey J. Keith P and Malchi D.



Thanks to Bill Jasper (chair) and the members of the Student Award Committee, for this meaningful selection.

Balka, continued

Consider volunteering to do a session from your home or office in the coming year. Go to the TODOS website to view previous webinars. Sign up to participate.

We continue searching for avenues to present our message of increasing equity awareness. Florence Glanfield, Director and Chair of the Conventions Committee and her members, offer speakers opportunities to submit proposals for TODOS strands that are made available by NCTM. Affiliates in California and the Conference for the Advancement of Mathematics Teaching in Texas regularly ask us to fill a TODOS strand for their conferences. We have limited funds set aside in our budget to support TODOS members for these events. If you have an interesting topic that focuses on our mission or goals, consider submitting a proposal.

Our new *Noticias* newsletter editor is Susana Davidenko. Thanks go to Jeanne White, our previous editor, for her work. Thanks also go to Vice President Bob McDonald for working on this spring issue as we transition to Susana and her editorial panel. The panel will be soliciting short feature articles for the publication in *Noticias*. Please consider writing one in the future.

TODOS is now a new member of the Triangle Coalition for Science and Technology Education. The mission of this group is to bring together the voices of government, business, and education to improve the quality and outcome of science, technology, engineering, and mathematics (STEM) education. Triangle Coalition is an active member of the STEM Ed Caucus Steering Committee, which works to strengthen STEM education at all levels by providing a forum for Congress and the science, education and business communities to discuss challenges, problems, and solutions related to STEM education.

Editors of our TODOS journal *Teaching for Excellence and Equity in Mathematics (TEEM)* continue to solicit manuscripts for publication, now for Volume 4 and beyond. *TEEM* is available on our website. The 2012 TODOS Research Monograph, *Embracing Resources of Children, Families, Communities and Cultures in Mathematics Learning*, under the editorship of Tonya Bartell and Alfinio Flores, will be completed this fall.

As we move towards that special 10th anniversary, I have asked two of our Board members to chair a task force that investigates and explores strategies that work with underrepresented students. We

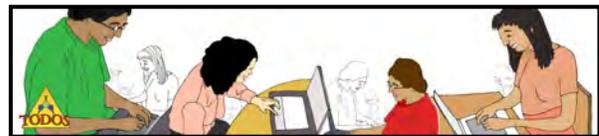
know that many strategies that are designed for ELL students work, in fact, with all students. Our members speak and write about a myriad of strategies, but we need a resource that collects these strategies for members to use. The completed efforts of this task force will meet one of the four goals of our organization.

With your involvement, TODOS can make a difference! If you are interested in serving on one of our committees, please let me know. If there is a project or a publication topic that you would like the TODOS Board to consider, send me a description. We meet monthly online and face-to-face in May. Your involvement helps us meet all the goals of TODOS.

Don S. Balka

TODOS LIVE!

By Sandra Crespo and Bob McDonald



TODOS LIVE! has finished a 2nd successful season of webinars for members. Our third season will start in August. So watch the website, email and e-news for up to date information.

To keep the webinars interactive, registration is limited to 25 people. However the archived sessions are available and can be accessed by members from the TODOS LIVE! page, which can be accessed from the home page.

- **Would you like a specific topic to be addressed in a TODOS LIVE! Webinar?**
- **Are you interested in offering a TODOS LIVE! Webinar?**
- **Then, email us to todoslive@todos-math.org to share your interests.**

TODOS Joins the NCTM Leadership Circle

Over 67% of TODOS Members are also members of NCTM. April 2012 Philadelphia.

From left to right on the picture: José Franco, Executive Director of NCTM Yang Kichoon, Bob McDonald, Don Balka and Carol Edwards.



Two Outstanding Mathematics Educators Received the 2012 TODOS Iris M. Carl Equity and Leadership

Harriet Haynes - Brooklyn, New York



José Franco, TODOS president, Award recipient Harriet Haynes, Miriam Leiva, and Bob McDonald

For decades, Harriet Haynes has been a fierce fighter for equity, who in her own teaching, supervising, and other professional work, has exemplified what TODOS is about. As a middle grades teacher in Brooklyn, she worked to bring down the walls blocking her students' success. She always taught in Title 1 schools where the students were mainly African American or Latino.

After over a decade of classroom teaching, she became a math supervisor in her district, dealing with similar issues and helping the teachers in the techniques that worked for her. She was promoted to the highest position at the school district in mathematics supervision where she was able to make a difference in policies and practices as well.

Harriet is one of seven founders of the Benjamin Banneker Association (BBA) and one that continues her commitment to equity through work in the BBA over the years as well as through significant contributions and efforts in TODOS.

For the past five years she has attended the Congressional Hispanic Caucus meetings representing TODOS, using her own funds, keeping us informed of the issues and what to do about them.

Harriet was instrumental in TODOS' involvement in the White House Initiative for the Education of Hispanics. She has worked diligently-outside the limelight-to make

things happen including our Long Term Planning and current program goals.

For this and for her tireless efforts to be an instrument for equity, continually challenging us to do more for underserved students, TODOS recognizes Harriet Haynes.

Diane T. Kinch - Claremont, California



José Franco, Kay Gilliland, Award recipient Diane Kinch, and Bob McDonald

Diane Kinch is driven tirelessly and with infectious enthusiasm in her quest to ensure that every child in Southern California has access to excellent mathematics learning opportunities. While her teaching of students and adults provides access to the underserved, she also fearlessly confronts adult beliefs, behaviors and priorities that must be set aside if equity and excellence in mathematics education is to be achieved.

Her philosophy of no excuses and peer accountability translated in many cases to a culture of openness and shared ownership of student proficiency across schools and grade levels. For her, mathematical empowerment is not only a civil right to ensure a healthy democracy and preparedness for college and career, it is essential to maintain and improve human civilization.

She has nurtured a number of Latino and African-American mathematics teachers who have become lead teachers, coaches, and administrators. Under her leadership, the California Mathematics Council (CMC)-South created an Equity Committee in the region, serving the mathematics teachers of more than 2.3 million mathematics students in the eight California counties.

For this and her tireless enthusiasm for fostering the very best of mathematics teaching and learning – but never at the expense of the progress or motivation of those educators and students still on the path towards excellence - TODOS recognizes Diane T. Kinch..

2011 – 2012 Sponsors
February 1, 2011 – January 31, 2012

TODOS thanks the following companies and groups for their support.

SILVER Triangle Sponsor
Houghton Mifflin Harcourt

- 2011 TODOS Reception during the NCTM Annual Meeting in Indianapolis
- Handouts for the 2011 TODOS booth—1200 copies of Miriam Leiva’s article Differentiated Instruction to Reach All Students, printing and shipping.
- Support for a TODOS representative to attend White House Meeting on Educational Excellence for Hispanic Americans
- **Lively TODOS Reception and Salsa Party in Philadelphia**



Michael Busnach, Vice President, Product Marketing Management, K-12 Mathematics for Houghton Mifflin Harcourt and Don Balka, TODOS President, at the TODOS Salsa Party and Reception, sponsored by HMH

TODOS Contributor Sponsors

Conceptua® Math

Support of TODOS LIVE! Webinars

McGraw-Hill Education

Support of TODOS online membership system

Pearson

Support of Noticias Newsletter
Support of Fall 2011 Teaching for Excellence and Equity in Mathematics (TEEM) Journal
Support of TODOS Speaker Fund

SEDL

SEDL multi-media packages: Lesson Study

Texas Instruments

Support of Student Awards in San Diego, Indianapolis and Philadelphia

TODOS Supporters

CASIO America

Support of the 2011 TODOS Iris M. Carl Leadership and Equity Award

NCSM

Program slot for 2011 TODOS Business Meeting and Session

NCTM

Room for 2011 TODOS Reception & Salsa Party

SHELL

Energy Puzzle Rulers for the 2011 TODOS booth

Other Contributions to TODOS

Our sincere gratitude for these meaningful donations:

- Melinda Rudibaugh has made a cash donation in honor of Masako Abe, mother of our Executive Secretary Carol Edwards.
- A substantial number of people made contributions to TODOS in memory of Cindy Franco, the late wife of José Franco. José has been a board member of TODOS since our inception and he continues his work for the organization as Past-President.

2012 Sustaining Member

Special thanks to Melendy Lovett, President, Education Technology Texas Instruments, Dallas, TX. She has been TODOS member since 2009.

TODOS Thanks Members for Their Exemplary Service

Out-going Board and Committee Members

Jennifer Bay-Williams, Director
Diana Ceja, Finance Committee Chair
Cindy Chapman, Elections Committee Chair
Don Balka, Resources Committee Chair
Jeanne White, Noticias de TODOS, Editor
Janet Pittock, TODOS LIVE! Task Force Chair

2011 – 2012 Committee Chairs, Committee Members and Editors

Awards: Bill Jasper (chair)

- **Iris Carl Award:** Kay Gilliland (chair), Bob McDonald, Miriam Leiva, and Ed Silver
- **Student Awards:** Steve Klass, Noemi Lopez, Mari Muri, Della Leavitt

Conferences: Florence Glandfield (Chair), Susan Beal, Ana England, Don Gilmore, Lynne Ipinia, Jean Krusi, Harriet Haynes, and Bill Jasper

Elections: Cindy Chapman (chair), Saul Duarte, Miriam Leiva, Katie Saguero, Debbie Trahan

Finance: Don Balka (chair), Jose Franco, Bob McDonald, Linda Fulmore, Carol A. Edwards

Member Services: Maria E. Torres (chair), Roel Torres, Maggie Rivas, Como Molina, Matthew Winsor, Brian Burns

NCTM Representative: Carol A. Edwards

Research & Publications: Marta Civil (chair)

- **Monograph:** Alfinio Flores (editor), Tonya Bartell (editor), Marta Civil, Gilbert Cuevas, Rochelle Gutierrez
- **Noticias:** Jeanne White (editor), Luciana de Olivera, Karen Mayfield-Ingram and Virginia Nelson
- **TEEM:** Larry Lesser, Miriam Leiva and Cynthia Anhalt (editors), Rico Gutstein, Alfinio Flores
- **E-news):** Carol A. Edwards (editor)

Resources: Don Balka (chair), Jose Franco, Shirley Frye, Miriam Leiva, Luis Vazquez, Nora Ramirez, Bob McDonald, Jim Rubillo

Student Affiliates

Jenifer Bay-Williams (chair), Juan Gerardo, Karen King, Brain Lawler

TODOS live! Task Force: Sandra Crespo (chair), Gloria Brown Books, John Clay, Carrie Chiappetta, John Clay, Carol A. Edwards, Theresa Garza, Bob McDonald, and Nora Ramirez

Webmaster: Bob McDonald

Results of the 2012 TODOS Elections

The TODOS Nominations and Elections Committee wishes to express its appreciation to all the nominators, nominees, applicants, candidates, and voters who participated in the 2012 election.

Congratulations to our new TODOS Board member, Director Janie Zimmer.

NOTE: For the complete list of Board members and Leadership Positions of TODOS members, go to <http://www.todos-math.org/board>

What's New at the TODOS Website

By Bob McDonald, Webmaster

The **TODOS website** has many applications and features that members can utilize. Once logged on, you will notice that a new tab has appeared on the left-hand side of the menu bar. Through this tab members can access many items, such as NOTICIAS de TODOS, TEEM and other useful documents. To learn more about the TODOS Website see the links of interest section on www.todos-math.org.

Teaching for Excellence and Equity in Mathematics (TEEM)

TEEMS is a refereed journal of TODOS, published once a year, which includes manuscripts aligned to the mission of TODOS. The editors of TEEM invite submission for articles, especially those written or co-written by teachers. More information about this journal is available at: <http://www.math.utep.edu/Faculty/lesser/TEEM.html>

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Contributors: María Torres, Don Balka, Bill Jasper, Carol A. Edwards, Bob McDonald, Sandra Crespo, Susana Davidenko

Please send new items to: Susana Davidenko at Susana.Davidenko@kortland.edu

The publications of TODOS present a variety of viewpoints. The views expressed or implied in this publication, unless otherwise noted, should not be interpreted as official positions of TODOS.

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2012 NCSM

Ross Taylor/Glenn Gilbert Award

By Susana Davidenko

This prestigious national recognition award highlights the leadership role and outstanding contributions its recipients have made to the mathematics education field. The 2012 Award was presented to (our very own!) **Carol A. Edwards** during a ceremony at the NCSM Annual Conference in Philadelphia.

Emotional and yet humorous throughout her acceptance speech, Carol Edwards recognized that the difficult times experienced in her childhood helped her gain a better understanding of the struggles faced by students of poverty. She expressed gratitude to her parents who valued education and made great sacrifices to send her and her brother to college.

Carol told the story that she wanted to re-pay two of her college professors for their mentorship. But one of them suggested that *she pay it forward* and she has “tried to that, ever since.” All of us, in TODOS, are beneficiaries of Carol’s *pay it forward* commitment. She is a tireless, driving force in our organization. We will certainly pay her back as we pay it forward. **Congratulations Carol!**



Award presentation video <http://youtu.be/aEculjEPAbQ>
Acceptance video http://youtu.be/gqPXcY_7EGk

**** Call for articles to our new column ****

NOTICIAS from the Classroom

By Susana Davidenko

The day-to-day interactions between (mathematics) classroom teachers and their English Language Learners (ELLs) play a decisive role in these students’ successful mathematics education. However, classroom teachers cannot face the challenge of teaching and supporting their ELLs alone.

There are a variety of models to support ELLs, from two-way-bilingual immersion to pulling-out students one hour a day to work with an English as a Second Language (ESL) teacher. In any model, though, it is essential that the ESL and classroom teachers communicate their goals for their students and that they spend some time planning together. ESL teachers are *not* in charge of teaching mathematics. However, they could greatly enhance ELLs’ opportunities to learn mathematics. They can prepare the students to comprehend the conversational language used in the classroom and the everyday vocabulary used in contextualized word problems and math activities connected with real life experiences. The ELA and Mathematics Common Core State Standards and the application of these standards to English Language Learners can be all targeted in the mathematics classroom.

If you are a *mathematics educator* (and this *includes classroom teachers!*) or an *ESL educator*, please share your experiences with TODOS. Tell us about:

- The communication, cooperation, and planning time shared by math and ESL educators
- strategies that have been successful with ELLs in the classroom
- illustrative vignettes or scenarios where you got important insights about ELLs’ learning
- difficulties that you and your students face
- questions that you have
- students’ work that reflects their understanding or connections among ideas
- other issues that you consider relevant about the collaboration between math and ESL educators

It does not matter if you submit a full article (up to 800 words) or just a question. We are sure many math educators would have the same question. When appropriate, we might compile questions and ideas for our membership, always acknowledging the authors’ contributions.

On the TODOS website, there is an interesting article, written by Eleanor Linn, that might spark your own thoughts: http://www.todos-math.org/assets/documents/TESOLhandoutamp_warm-up.pdf



TODOS LIVE! is an interactive webinar series TODOS provides for members.

Below are sessions from the first two seasons, which are available for members online.

Harold Asturias "TODOS Live! General Session Harold Asturias: Using Concepts as Scaffolding for Mathematics English Language Development."

Don Balka "TODOS Live! General Session Effective Mathematics Activities for English Language Learners."

Kathryn Chval "TODOS Live! General Session , Kathryn Chval, Achieving Excellence and Equity for Latino Students: A View through Their Eyes"

Sandra Crespo "TODOS LIVE! General Session Is it groupworthy_ What makes mathematics tasks worthy of group solving ."

Allison Davis & Socorro Tapetillo TODOS LIVE! Grade K-2 Supporting Children's Numerical Operations with Math Games and Graphic Organizers

Higinio Dominquez "TODOS LIVE! Learning from English Learners in Mathematics_ Voices Unheard, Methodologies Unused."

Florence Glanfield "TODOS LIVE! Mathematics and First Peoples of North America."

Rochelle Gutierrez "TODOS Live! General Session Beyond the Achievement Gap: Helping your Students Play/Change the Game."

Melissa Hosten High School: TODOS LIVE! Part 1 Using Structure to Support ELLs: How the CCS for Mathematics Can Work for ELL Instruction" Part 2 will be held in August 2012

Melissa Hosten "TODOS LIVE! Grade 9-12, Supporting Proof for ELLs, Struggling Learners and Others."

Nuria Jaumot-Pascal "Mixing in Math Webinar" Learn about the over 200 resources in Mixing in Math, a set of FREE materials in English and Spanish that add math to fitness, nature, cooking, and daily routines.

Bob McDonald & Nora Ramirez "TODOS LIVE! Thinking about a PLC /Lesson Study with a TODOS Twist? "

Judit Moschkovich "TODOS LIVE! Equitable practices in the math classroom "

Heather Navarro & Noel Villegas "TODOS Live! Grades 3 Through 5, Part 1, Investigating With Concrete Models

Heather Navarro TODOS Live! Grades 3 Through 5, Part 2, Building the Bridge to Abstract Understanding

Ed Nolan "TODOS Live! Grades 9 - 12, Multiple Representations for Rate of Change"

Amy Parks TODOS LIVE! Grades K-2, Supporting Students' Engagement in Meaningful Mathematics through Play

Nora Ramirez "TODOS LIVE! Common Core State Standards (Part 1) The Mathematical Practices in Action."

Nora Ramirez " TODOS LIVE! Common Core State Standards (Part 2)_ Where we are? Where we are going? How do we get there?"