



# NOTICIAS de TODOS

News from TODOS Mathematics for All

Spring 2005

Volume 1, Number 1

**Dear Reader,**

*Welcome to the inaugural issue of NOTICIAS de TODOS, the newsletter of TODOS – Mathematics for All. Founded in 2003, TODOS members are dedicated to fulfilling our educational mission:*

*The mission of TODOS: Mathematics For ALL is to advocate for an equitable and high quality mathematics education for ALL students, in particular Latino/Hispanic students, by advancing the professional growth and equity awareness of educators*

*La misión de nuestra organización, TODOS: Mathematics for ALL, es la de abogar por una educación matemática equitativa y de superior calidad para todos los estudiantes, pero muy en particular para los estudiantes Latinos/Hispanos con el propósito de fomentar el desarrollo profesional y crear conciencia entre los educadores sobre el tema de la equidad.*

**IN THIS ISSUE:**

- News from **TODOS** Schools
- Research on Indian Education
- Scholarships and other benefits for **TODOS** members

## **TODOS Partners with NCTM**

**TODOS** was granted Affiliate Status by the National Council of Teachers of Mathematics (NCTM), with our charter beginning in April 2004. Assisting in this effort were many NCTM affiliate sponsors devoted to promoting equity in mathematics education, including The Benjamin Banneker Association, Women and Mathematics Education, The North American Study Group on Ethnomathematics, Women and Mathematics Education, The National Council of Supervisors of Mathematics, The Arizona Association of Teachers of Mathematics, The California Mathematics Council, and the New Mexico Council of Teachers of Mathematics.

In June, 2004, Susie Håkansson, Resources Chair of **TODOS** and Eleanor Linn, Representative to NCTM attended the NCTM Affiliate Leadership Conference in New Orleans. Our work there initiated a **TODOS** self-study process, which translated into a document outlining priorities for our organization.

For both the upcoming NCTM Research Preconference and NCTM Conference, **TODOS** will supply a list of sessions of interest to our members. A list of **TODOS** related sessions at the NCSM conference, developed by Carol Edwards, has already been distributed via email and will be updated by April. Please come to the NCTM conference and participate in the wonderful **TODOS** activities that we have planned. Stop by the **TODOS** exhibit booth, meet new friends, get the latest news, and volunteer to help us staff the booth as well. More details to come.

## **Second Annual NCSM/TODOS Conference**

In November 2004, the program preview for the Second Annual NCSM/TODOS Conference Within a Conference was sent electronically to members through the **TODOS** listserv. The conference will be in Anaheim, California, April 4-6, 2005. The sessions and functions will be held at the Anaheim Convention Center and the Anaheim Marriott. For a preview of sessions, check the **TODOS** Website, [www.todos-math.org](http://www.todos-math.org). For more information on the NCSM meeting, go to: [www.ncsmonline.org](http://www.ncsmonline.org)

## **Duke Energy Scholarship Awards**

Thanks to a generous grant program from the Duke Energy Foundation, up to four **TODOS** members will receive scholarship awards of \$1500 to attend the April 2005 annual meetings of the National Council of Teachers of Mathematics (NCTM), and/or the National Council of Supervisors of Mathematics in Anaheim, CA. The conferences provide educators with valuable professional development experiences, enhancing their knowledge of mathematics content and instruction, and awareness of equity issues that support mathematics education for all. This year's grant winners will be honored at the **TODOS** business meeting in Anaheim.

## News from TODOS Schools

Navajo Elementary School in Albuquerque, New Mexico and Atkinson Middle School in Phoenix, Arizona have been designated as **TODOS** Schools. The faculty, administration, and school district officials of a **TODOS** School subscribe to our Mission and Goals. With support from the organization, researchers and funders, the school and its faculty: explore, develop and implement effective research-based mathematics teaching and learning for all students; assist teachers through interventions such as professional development; assist students through reaching and informing their parents; and assist schools in writing and obtaining grants for books, manipulatives, technology and other materials for instruction

### Navajo Elementary School

Navajo Elementary school in Albuquerque has a student population of 513 students, including 90% Hispanic/Latino Students, 7% Caucasian, 2% African American, and 1% American Indian.

Last year, two teams of teachers from Navajo school participated in mathematics lesson study. The teams presented their findings to their school, as well as at district and statewide inservices and conferences. Since then, Navajo has expanded lesson study groups to seven, five of which are dedicated to mathematics. In May, 2004, with funds from the California Mathematics Project,



Students from Atkinson Middle School

two staff members were able to attend a Lesson Study Conference in Sonoma County, California. This experience has been a source of inspiration for the teachers when they meet several times a month in lesson study groups. One teacher delivers a lesson in class, while the rest of the team observes. Afterwards, teachers revise their lessons, based on their observations. Within a few weeks, another teacher presents the revised lesson.

Navajo Elementary kindergarten and pre-school teachers have also been engaged in new practices, learning from a visit to teachers in Bernalillo, N.M, where Cognitively Guided Instruction (CGI) is used in mathematics classes. This summer, Navajo teachers will be attending the initial CEMELA Institute in Albuquerque to learn more about CGI and about how to integrate culture and language into their mathematics classes.

## NOTICIAS

Spring 2005

Vol. 1, No. 1

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Subject: **TODOS NOTICIAS**

### U.S. Department of Education Sponsors National Indian Education Study

The National Center for Education Statistics (NCES) will conduct the first ever National Indian Education Study (NIES) in 2005 for the U.S. Department of Education, Office of Indian Education (OIE). The study was designed in consultation with a technical review panel composed of American Indian and Alaska Native educators and researchers from across the country.

This study is intended to assist the United States in continuing its relationship with, and fulfilling its responsibility to, American Indian and Alaska Native peoples with respect to the education of their children.

The goal of the study is to describe the condition of education of American Indian/Alaska Native (AI/AN) students by focusing on both their academic achievement and educational experiences in the fourth and eighth grades. This activity is part of a collaborative effort among Indian tribes and organizations, the Bureau of Indian Affairs (BIA), and state and local education agencies, to ensure that programs serving AI/AN children are of the highest quality and meet their unique, culturally-related academic needs.

To read more about this new study, please visit: <http://nces.ed.gov/nationsreportcard/studies/nies.asp>

## Contributions to TODOS now tax-deductible

We have reached another milestone in our short, but impressive history. **TODOS** is now officially exempt from federal income taxes under Section 501 (c)(3) of the Internal Revenue Code. The effective date of the ruling is November 4, 2004 retroactive 18 months prior to that date. **TODOS** is now qualified to receive tax deductible gifts under section 2055, 2106, or 2522 of the code.

We invite our readers and members to make a tax-deductible gift to **TODOS**. All of our funds are used to benefit our members in their work as educators. Your assistance is welcomed, as we currently rely on membership dues to support our activities. Make a gift, or designate a contribution in honor of an individual, who will be notified of this recognition. A memorial contribution can also be made, and the family will receive notification of your gift. Please send contributions to Miriam Leiva, President, **TODOS**: 9633 Callis Ct., Harrisburg, NC 28075. Include information regarding how the gift is to be acknowledged. Your designation of the acknowledgements will be carried out, and you will receive a letter of receipt for tax purposes. Contributions and honorees will be published in NOTICIAS de TODOS.

### MEMBERS@TODOS-MATH.ORG

If you are not receiving mail from the **TODOS** list serve, you are missing valuable and timely information regarding mathematics education and Latino/Hispanic students. Email Bob McDonald: [mac@todos-math.org](mailto:mac@todos-math.org) to be put on the list serve or if your email address changes. More information about the list serve can be found on the website [www.todos-math.org](http://www.todos-math.org).

## President's Corner

### We Are TODOS



**Miriam Leiva**

Our organization, **TODOS: Mathematics for All**, has been in existence for the past three years. **Todos** is the Spanish word for **All**. It emphasizes the focus of the organization on mathematics teachers and educators of **all** students, in particular, Hispanic/Latino students.

**History:** The group initially met through annual interactive sessions for teachers of Hispanic/Latino students, planned by the National Council of Teachers of Mathematics Equity and Diversity Advisory Committee in 2000-2002. At the 2002 Las Vegas NCTM meeting, several colleagues volunteered to lead efforts to form an organization. In February 2003, these **founding** member/leaders met in Phoenix, AZ, and drafted a mission statement, the organization's governance structure, goals and programs to support the mission (see TODOS mission, page 1)

Official documents were formally presented at the 2003 annual meeting of the National Council of Teachers of Mathematics, NCTM, in San Antonio and posted on the group website [www.todos-math.org](http://www.todos-math.org). At the same time, **TODOS** attracted many **charter** members, and received support from mathematics education groups as well as contributions from several foundations, organizations, and publishers. At a leaders' retreat in Chicago, July 2003, participants drafted a plan of action and identified priorities for **TODOS** initiatives.

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**President's Corner continued**

By summer 2003, *TODOS* became a national affiliate of the NCTM, thus giving the organization a forum to provide leadership in the field of equity and mathematics education to the larger mathematics community.

**Membership:** *TODOS* members are K-12 classroom teachers, mathematics specialists, supervisors, university professors of mathematics or mathematics education, researchers, and administrators who are committed to provide leadership in the field of equity and mathematics education, in particular, as related to Latino/Hispanic students and students from other underrepresented groups. Members from Latin America inform us of their mathematics curricula, as well as connect us to the educational and social culture of many of our target students. As of January 2005, *TODOS* has over 400 members linked electronically, along with a list serve we host for Educators of Native American Students (EONAS), and Friends of *TODOS*.

**Research:** The *TODOS* Comprehensive Research Bibliography 2004, edited by Richard Kitchen, of the University of New Mexico, is our first major publication. Other efforts in the Research area, led by Lena Licón-Khisty of the University of Illinois at Chicago, and Ed Silver of the University of Michigan, include the planning of a research conference: *Practitioners and Researchers in a Community for Change, A National Conference for the Improvement of Latinos' Learning Mathematics*.

**Other programs and activities:** *TODOS* schools are an important part of the organization's ongoing projects (see article, p.2). Other programming includes representation and networking for members during national and regional education conferences, as well as leadership retreats and an active listserv. We encourage you to visit our website: [www.todos-math.org](http://www.todos-math.org).

To conclude, *TODOS* is now prepared to move forward in serving our community of teachers and learners. Join us in this celebration.

Adelante *TODOS!* Miriam Leiva

**ANAHEIM 2005**

Information on sessions of interest to *TODOS* members at NCSM, NCTM, and the Research Pre-session can be found on our website, [www.todos-math.org](http://www.todos-math.org). Plan to join us at the *TODOS* Reception on Thursday Evening.

**CONTRIBUTIONS**

*TODOS* gratefully acknowledges financial contributions from the following individuals and organizations: Nadine Bezuk, Judith Engel, Kansas Association of Teachers of Mathematics, Roberta Koss, Katherine Layton, Della Leavitt, Miriam Leiva, Margaret and Eric Robinson, Jean Shaw, and Helene Silverman.

Special recognition honored the contributions of *TODOS* members Miriam Leiva, Lena Licón-Khisty, Eleanor Linn, and Bob McDonald.

Memorial Contributions were made honoring Iris Carl.

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