



# THE NUMBER LINE

JUNE 2006

**Louisiana Association of Teachers of Mathematics**

An Affiliate of the National Council of Teachers of Mathematics

[www.lamath.org](http://www.lamath.org)

## PRESIDENT'S MESSAGE

Dear Friends and Colleagues,

I hope the close of school went smoothly for you. This past academic year has been unimaginably difficult for many teachers and students across Louisiana. So much has changed in our state and we all continue to seek ways to help our students grow.

LATM is also in a period of change. We are excited to welcome several new board members to an already exceptional group on the Executive Council. The board will spend a weekend in Lafayette next month to accomplish several priorities. First among these is to bring all policies and operating procedures into a single document. We will articulate organizational priorities to provide clear direction for future endeavors and focus on membership, teacher advocacy, and improving communication – which have been partially addressed with the newly restructured LATM website, [www.lamath.org](http://www.lamath.org). These clarifications may require changes to our constitution, which would be submitted for your approval at our business meeting at the Annual Conference.

Conference planning is going very well and we are excited about welcoming you to Shreveport on October 19-21. Speaker proposal forms are due July 15 and can be found on our website. Don't forget that lead presenter will be eligible for a reduced registration rate for the conference! You will find information for the LATM/LSTA joint *Energize Learning with Math and Science Conference* inside the pages of this newsletter. You may also want to make your hotel reservations soon since locations close to the conference center will book fast! I am constantly inspired to be a better teacher as I meet teachers from across the state – I know that each of you have many great ideas to share. Please consider presenting by yourself or with a partner.

As always, please let me know if I or LATM can help in any way.

Sincerely,

Jeremy Muse

Mark Your Calendars! The joint LATM/LSTA Fall Conference will be held October 19-21, 2006 in Shreveport. Co-Chairs Jean Ware (LATM) and Jan Graff (LSTA) promise this event to be the best opportunity you'll have to:

***Energize Learning with Math and Science***

## Members of the LATM Executive Council

<b>Jeremy Muse</b> President-Elect/Acting President <a href="mailto:lsumuse@yahoo.com">lsumuse@yahoo.com</a>	<b>Jamie Gilmore</b> Secretary <a href="mailto:gilmorej@sabine.k12.la.us">gilmorej@sabine.k12.la.us</a>	<b>Bryan Alleman</b> Parliamentarian <a href="mailto:balleman@acadia.k12.la.us">balleman@acadia.k12.la.us</a>	<b>Liz Arcement</b> LCSM Representative <a href="mailto:eda1951@yahoo.com">eda1951@yahoo.com</a>
<b>Cat McKay</b> VP Colleges <a href="mailto:cmckay7390@earthlink.com">cmckay7390@earthlink.com</a>	<b>Nell McAnelly</b> Treasurer <a href="mailto:mcanelly@math.lsu.edu">mcanelly@math.lsu.edu</a>	<b>Suzanne Moyers</b> Web Page Editor <a href="mailto:smoyers@bellsouth.net">smoyers@bellsouth.net</a>	<b>Jean Ware</b> NCTM Representative <a href="mailto:jware@caddo.k12.la.us">jware@caddo.k12.la.us</a>
<b>Kellye Ratcliff</b> VP High Schools <a href="mailto:kratclif@lincolnschool.org">kratclif@lincolnschool.org</a>	<b>Maudry Alfred</b> Membership Chair <a href="mailto:maudry.alfred@cpsb.org">maudry.alfred@cpsb.org</a>	Unfilled ACTM Representative	<b>Tonya Evans</b> NLMA Representative <a href="mailto:tevans@caddo.k12.la.us">tevans@caddo.k12.la.us</a>
<b>Michelle Conner</b> VP Middle Schools <a href="mailto:michelle.conner@cpsb.org">michelle.conner@cpsb.org</a>	Unfilled Community Relations	<b>Ellen Daugherty</b> BRACTM Representative <a href="mailto:edaugh1@lsu.edu">edaugh1@lsu.edu</a>	<b>Maryanne Smith</b> SEATM Representative <a href="mailto:smith70471@yahoo.com">smith70471@yahoo.com</a>
<b>Daphne Dailey</b> VP Elementary Schools <a href="mailto:daphaniedailey@yahoo.com">daphaniedailey@yahoo.com</a>	<b>Carolyn Sessions</b> LDE Representative <a href="mailto:carolyn.sessions@la.gov">carolyn.sessions@la.gov</a>	<b>Sharon Thomas</b> GNOTM Representative <a href="mailto:sharon.thomas@jppss.k12.la.us">sharon.thomas@jppss.k12.la.us</a>	<b>Kay Kussman</b> SWLTM Representative <a href="mailto:kkussman@mail.mcneese.edu">kkussman@mail.mcneese.edu</a>
			<b>Jean May-Brett</b> Newsletter Editor <a href="mailto:Jean.may-brett@la.gov">Jean.may-brett@la.gov</a>

## GREAT JOB!

Kudos to **Felicity Amond**, 7th grade math teacher at McKinley Academic Magnet School for Visual and Performing Arts, who has received a wonderful honor. She was chosen as one of only 44 teachers nationwide for the 2006 Disney Teacher Award from more than 75,000 nominees. One of these 44 teachers will be Disney Teacher of the Year. Felicity is one of only 3 middle school math teachers being recognized.

Felicity received \$10,000 and a wonderful six-day trip to Disneyland in Anaheim, California. Her school will receive \$5,000. She will also be able to participate in a six-day professional development institute in October. Felicity is a participant in the EBR Math Science Partnership and presented an outstanding session during the 2005 LATM Conference. LATM congratulates Felicity on her Disney Teacher Award!

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## MARK YOUR CALENDARS

### Fall 2006 Regional Conferences and Expositions

Chicago September 20-22 (Wednesday – Friday)

Phoenix October 5-7 (Thursday – Saturday)

### 2007 Annual Meeting and Exposition

Atlanta March 21-24

More information about NCTM events is available at [www.nctm.org](http://www.nctm.org)

## Affiliates in Action

### **Baton Rouge Area Council of Teachers of Mathematics (BRAC TM)**

*Pictures and news provided by Nell McAnelly*

BRAC TM held its annual dinner meeting on March 27, 2006. **Wayne Cook**, principal of Bakerfield Elementary, gave a motivational talk about the rewards of teaching.

Outgoing officers for 2005-06 were recognized: Jeremy Muse, President; Dr. Terrie Poehl, Past President; Dr. D. C. Clark, VP College; and Donna Arbour, VP Middle School. Incoming officers for 2006-07 are: Nell McAnelly, President; Ellen Daugherty, President Elect; Dr. Solomon Idowu, VP College; Terry Peyton, VP High School, Matt Lambert, VP Middle School; Melanie Clouatre, Membership; Myra Broussard, Secretary; Ellen Lee, Treasurer; Latrenda Knighten, NCTM Representative; and Angee Burd, Newsletter Editor.



*Jeremy Muse and guest speaker, Mr. Wayne Cook*

*Some of the 2006-07 BRAC TM Officers*

### **Greater New Orleans Teachers of Mathematics (GNOTM)**

The GNOTM board had their annual retreat April 24-26 in Destin, Florida. At that retreat board members discussed their crazy year and made plans for a wonderful 2006-07. GNOTM will have a fall membership drive social in September, a mini-conference in January, and a Teacher Recognition Reception in the spring. The Board also decided to give all administrators an honorary GNOTM membership next year with the intent of encouraging them to become members in the organization. It was a very productive meeting AND all had a good time!



GNOTM board members take a break from work while on their spring retreat to make plans for the coming year.

*Picture and news from Sharon Thomas*

## SouthEast Area Teachers of Mathematics (SEATM)

### Carol Meyer Memorial Scholarship

SouthEast Area Teachers of Mathematics (SEATM) awarded its first annual scholarships in memory of the late Carol Meyer. A \$500 scholarship was awarded to **Emily Anderson** from Northshore High, and a \$250 scholarship was given to **Molly Marino** of Mandeville High.

### SEATM's Spring Meeting



At SEATM's spring membership meeting and dinner, Dr. Andy Talmadge entertained the audience with a presentation on topology. To illustrate one point, he had members "in knots", or should we say "loops"!



### St. Tammany Parish Hosts K-6 Math/Science Partnerships

St. Tammany Parish will be hosting the Meaningful Mathematics Through Modeling project for grades K-6. This is a professional development program that engages teachers in standards-based, hands-on problem solving and the lesson study approach. Participants will work together for 15 days in the summer (June 12-16, June 19-23, and July 10-14) and for 5 days during the school year. Participants will receive a stipend of \$20 per hour and will receive \$150 for materials. Three hours of graduate credit hours (tuition free) will be offered to all participants of the project. Interested teachers in St. Tammany Parish should go to *Go Sign Me Up* to register. If you are from another parish or if you have questions, please contact Dr. Andy Talmadge at UNO: [atalmadg@uno.edu](mailto:atalmadg@uno.edu).

*Picture and news from Suzanne Buras and Maryanne Smith*

## Opportunities in Math Education

**Mathematics and Assessment Taught Hands-On 2005 (M.A.T.H. 2005)** was a LaSIP funded professional development workshop for elementary teachers. It was designed to provide a coherent program of professional development in mathematics, teaching/learning strategies, and assessment with a focus on measurement and geometry. The project was a collaboration between LSU-BR and Region II LINC'S elementary (K-5) schools. Project Co-Directors were Nell McAnelly, Associate Director of the LSU Cain Center/ LSU mathematics Instructor, and DesLey Plaisance, LSU mathematics instructor. Fifty-three teachers from 15 schools in East Baton Rouge Parish, Iberville Parish, Pointe Coupee Parish, and East Feliciana Parish participated in the project. A new cohort group for M.A.T.H. 2006 will begin in July.

*News from DesLey Plaisance and pictures from Nell McAnelly*



*Patricia Mims and Lucia Snedigar create cubic decimeters to understand volume.*

*Noi Mills and Sandra Mangrum create their own meter stick.*

### **Math in the Middle Matters Iberville & LSU**

Iberville Parish and LSU Mathematics Partnership Grant Math teachers from 4th grade thru 9th grade worked on the mathematics content in the Comprehensive Curriculum. Teachers shared teaching strategies for specific math content strands and addressed vertical alignment of content. This helped teachers teaching above or below a given grade to have more consistency in instruction presented to students. Teachers in the MSP workshops felt more confident in the use of the Comprehensive Curriculum by the end of the summer. In follow-up weekends, participants shared classroom experiences using the new materials. Teachers also attended *Experiencing It All* in Baton Rouge with many of the participants presenting at this workshop. By the end of the 2nd year of this project the goal of becoming “Highly Qualified in Middle School Math” was obtained by a majority of the participants. The content focus for the third year of the Iberville MSP will be the Geometry and Algebra content strands.



*News from Cindy Sullivan and pictures from Nell McAnelly*

## **Sonia Kovalevsky High School Mathematics Day, Southeastern Louisiana University**

Southeastern Louisiana University recently hosted a Sonia Kovalevsky High School Mathematics Day. There were a total of 61 high school students, several teachers, and one parent who attended. These participants were from 5 parishes and represented 11 high schools in the region. Sonia Kovalevsky was the first female to receive a doctorate in mathematics.

The Sonia Kovalevsky Planning Committee included Drs. Marilyn Larmon, Leigh Beard, Cynthia Elliott, Tena Golding, Melinda Holt, and Gwen Autin. During the morning session a Math Trail Competition was designed and planned for the high school female students to meet the objectives of this special event to inspire, to encourage, and to celebrate women in mathematics. This activity offered heterogeneous teams of high school students an opportunity to work as a team with females from other high schools across the southeastern region of our state.

During the SK Day assembly, two education majors presented a short skit about Sonia Kovalevsky. The skit presented a vignette in the life of Sonia Kovalevsky and was a unique presentation for the event. Following the skit, a panel of four prominent and successful females addressed the importance of mathematics and careers in mathematics.

Sessions for the high school teachers were provided while the high school female students were involved with the Math Trail Competition. In the morning session, the high school teachers met with two Mathematics Department faculty members where they discussed issues of transitioning high school students to university mathematics courses. In the afternoon, the teachers met with Jean May-Brett, an LATM officer and the Louisiana Department of Education's Math Science Partnership Coordinator. The session provided information on various professional organizations and resources for potential grants and scholarships for teachers and students. Offering teachers separate sessions proved supportive of their time and needs.

The SK Planning Committee is already working on plans for the 2<sup>nd</sup> Sonia Kovalevsky for 2007.

*Article submitted by Gwen Autin*

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### **Keeping America Competitive: Five Strategies to Improve Mathematics and Science Education** – (<http://ecs.org/clearinghouse/62/19/6219.pdf>)

The Education Commission of the States has recently released a report on a meeting held at the Johnson Foundation's Wingspread Conference Center in Wisconsin. The resulting report, "**Keeping America Competitive: Five Strategies to Improve Mathematics and Science Education**," provides an argument for the importance of mathematics and science education to U.S. global competitiveness and the performance of U.S. students on recent national and international tests. The report culminates in five key strategies to policymakers, university leaders, education researchers, and mathematics and science educators:

1. Strengthen math and science assessments.
2. Ensure teachers have adequate knowledge and skills.
3. Give the neediest students the best teachers.
4. Enlist the entire university in the effort to improve teacher education.
5. Engage the greater public.

# ***Energize Learning with Math and Science***

## **Professional Development**

**Hotel Accommodations**

**October 19-21, 2006**

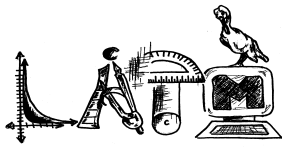
We have entered into contracts with the following properties for the LATM/LSTA *Energize Learning with Math and Science* Professional Development conference. Please contact the hotels directly to make your reservations. **It is important to mention that you are with the math and science conference to get the special room rates and to make sure that your reservation is part of the conference block.**

<b>Property</b>	<b>Room Type</b>	<b>Rate</b>	<b>Deadline</b>
Best Western Chateau Suites 201 Lake Street Shreveport, LA 71101 (318) 222-7620  All rooms include a full breakfast buffet and a beverage with snacks.	Standard Double	\$89	9/20/06
	Standard King	\$89	
	King Suite	\$99	
	Double Queen Suite	\$99	
	Extra Guests	\$10 per person	
Holiday Inn Downtown 102 Lake Street Shreveport, LA 71101 (318) 222-7717	King	\$72	9/28/06
	Double	\$72	
Holiday Inn Bossier 2015 Old Minden Road Bossier City, LA 71111 (318) 742-9700	King	\$70	9/27/06
	Double	\$70	
Microtel 2713 Village Lane Bossier City, LA 71112 (318) 742-7882 All rooms include a deluxe continental breakfast.	Single	\$59	10/1/06
	Double	\$65	
	Extra Guests	\$5 per night	
Quality Inn and Suites 2712 Village Lane Bossier City, LA 71112 (318) 742-7890 All rooms include a deluxe continental breakfast.	Single	\$70	10/1/06
	Double	\$70	

### **IMPORTANT NOTES**

**Extended Sessions begin Thursday October 19<sup>th</sup> 8:30 AM**

**Exhibit Showcase opens Thursday at 5 PM**



## **Energize Learning with Math and Science**

LATM/LSTA Joint Conference  
 Shreveport, Louisiana  
 October 19-21, 2006



**First Name** \_\_\_\_\_

**Last Name** \_\_\_\_\_

**Preferred Mailing Address** Home \_\_\_\_\_ Work \_\_\_\_\_

**Address** \_\_\_\_\_

**City/State/Zip** \_\_\_\_\_

**Phone** \_\_\_\_\_

**School Name** \_\_\_\_\_

**Grade Level**       Preschool-(Below 1<sup>st</sup>)     Elementary-(1<sup>st</sup>-4<sup>th</sup>)     Middle-(5<sup>th</sup>-8<sup>th</sup>)     High-(9<sup>th</sup>-12<sup>th</sup>)     College     Other

**Parish** \_\_\_\_\_

**Agency** \_\_\_\_\_

**E-mail Address** \_\_\_\_\_

(E-mail address required. Confirmation of registration will be e-mailed.)

### **Registration Fees:**

<b>Extended Session/Field Trip Fee (3 Hours) *</b>	<b>\$10.00</b>	
<b>Extended Session/Field Trip Fee (6 Hours) *</b>	<b>\$20.00</b>	
<b>Pre-Registration (Postmark by September 5, 2006)</b>	<b>\$50.00</b>	
<b>Early Bird Registration (Postmark by September 21, 2006)</b>	<b>\$60.00</b>	
<b>Full time, Non-Teaching Student Registration (by September 21, 2006)</b>	<b>\$30.00</b>	
<b>Onsite Registration</b>	<b>\$75.00</b>	
<b>Onsite Full time, Non-Teaching Student Registration</b>	<b>\$35.00</b>	
<b>Banquet Fee</b>	<b>\$25.00</b>	
<b>Sci-Port Dessert Function</b>	<b>\$ 7.50</b>	
<b>Saturday Only Pre-Registration (Postmark by Sept. 5, 2006)</b>	<b>\$25.00</b>	
<b>Saturday Only Early Registration (Postmark by Sept. 21, 2006)</b>	<b>\$30.00</b>	
<b>Saturday Only Onsite Registration</b>	<b>\$40.00</b>	
<b>Total</b>		
Please state what special assistance you may need to attend. Request for assistance must be received by October 6, 2006.		
Please check if you are willing to serve as a Session Presider.      _____ Friday      _____ Saturday		

\* An Extended Session/Field Trip Selection form must also be submitted.

**Make checks payable to: LATM/LSTA Professional Development 2006**

**Mail to: Paul Johnson, P. O. Box 5097, Houma LA 70361**

Exhibits are open Thursday, October 19, from 5:00 – 9:00, and Friday, October 20, from 8:00 a.m. – 4:00 p.m.

No Exhibits Saturday, October 21, 2005



# News from the Louisiana Department of Education

By Carolyn Sessions, Mathematics Program Consultant

## Comprehensive Curriculum Update

Department staff have developed a new timeline for updating the Comprehensive Curriculum. Plans include the release of a revised version of the Comprehensive Curriculum in Spring 2008, for implementation in the 2008-2009 school year. The timeline also includes the opportunity for districts to develop their own GLE-based curricula and submit them for approval in September 2007. Approved locally developed curricula would be implemented during the 2008-2009 school year in lieu of the revised Comprehensive Curriculum. A meeting is scheduled June 1, 2006, in Baton Rouge at the Claiborne Building to discuss the new timeline with officials from local districts.

## Louisiana Leads Conference

The Louisiana Department of Education will hold its annual conference July 25-27, 2006, in New Orleans. All district level staff, public and nonpublic school administrators, and university personnel are encouraged to attend. For more information, click on the *Louisiana Leads 2006* icon at [www.louisianaschools.net](http://www.louisianaschools.net).

It's been a busy and hectic year for everyone. Have a safe and relaxing summer!

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## CONGRATULATIONS!

Congratulations to Dorothy Ulmer winner of the 2005 Presidential Award for Excellence in Mathematics Teaching. Dorothy teaches at Vidalia High School. During her 38 years of teaching, she has discovered that maintaining a classroom full of vigor, relevance, and the unexpected keeps interest high. To explain linear equations, Ulmer's students play a game of cards. In each deck there are cards that belong together and the students are responsible for matching them. As they match the cards, the groups say "Whoo!" The students have fun and, at the same time, increase their skill level.

Dorothy believes that "showing students how their learning is relevant to their lives and future is the most important aspect of my teaching."



Vidalia teacher, Dorothy Ulmer, receiving the 2005 Presidential Award for Excellence in Mathematics and Science Teaching in Washington, DC from Arden L. Bement, Jr., director of the National Science Foundation (left), and John H. Marburger, III, director of the Office of Science and Technology Policy, Executive Office of the President (right).

*Picture provided by Karen Hohnecker*

# Conference One Hour Presentation Proposal Form



**Energize Learning with Math and Science**  
**LATM/LSTA Joint Conference**  
 Shreveport, Louisiana  
 October 19-21, 2006



Please Print or type

<b>Lead Presenter Name:</b>		<b>Agency/School:</b>		
<b>Preferred Mailing Address:</b>		<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>Work Phone:</b> (    ) <b>Fax:</b> (    )		<b>Home Phone:</b> (    )		
<b>E-mail (required):</b>		<b>Alternate E-mail:</b>		
<b>Co-Presenters: Attach a separate sheet to this form and include the above information for each person.</b>				
<b>Content Area (check one):</b> <input type="checkbox"/> Math <input type="checkbox"/> Science <input type="checkbox"/> Math and Science		<b>Intended Audience (check only one):</b> <input type="checkbox"/> PK – 2 <input type="checkbox"/> 3-5 <input type="checkbox"/> 6-8 <input type="checkbox"/> 9-12 <input type="checkbox"/> 12+ <input type="checkbox"/> General Interest		
<p><b>You may indicate a preferred time slot, but it will likely be impossible to honor all requests. The program chairs reserve the right to assign different time slot with the intent of providing the most balanced program possible.</b></p> <p>60 minute demonstration or workshop:    <input type="checkbox"/> Friday AM    <input type="checkbox"/> Friday PM    <input type="checkbox"/> Saturday AM    <input type="checkbox"/> No preference</p> <p>Would you be willing to present this session more than once?    <input type="checkbox"/> Yes    <input type="checkbox"/> No</p> <p>Number of participants you can accommodate:    <input type="checkbox"/> 30    <input type="checkbox"/> 50    <input type="checkbox"/> 100    <input type="checkbox"/> 200</p> <p>Note: The sizes of the conference facility and individual meeting rooms will allow for larger sessions than in past years.</p>				
<b>Focus Strand (Check All that Apply):</b>				
<input type="checkbox"/> Number/Number Relations <input type="checkbox"/> Algebra <input type="checkbox"/> Geometry <input type="checkbox"/> Measurement <input type="checkbox"/> Patterns, Relations, Functions <input type="checkbox"/> Data <input type="checkbox"/> Science as Inquiry <input type="checkbox"/> Physical Science <input type="checkbox"/> Earth and Space Science <input type="checkbox"/> Environmental Science <input type="checkbox"/> Life Science				
<b>Session Title:</b>				
<b>Description (30 words or less):</b>				

**Equipment:** All rooms will have a screen on which to project images. **With the exception of an overhead projector, presenters must provide equipment (computers, LCD panels and other items) needed for the presentation.** You will be provided an overhead projector ONLY if you indicate this need by checking below. **Presenters are asked to request an overhead projector only if it will be used.** This will help to avoid unnecessary costs.

I will need an overhead projector for my presentation.

Mail form by July 15, 2006 to: Jean May-Brett, La. Dept of Education - Rm 4-209, P.O. Box 94064, Baton Rouge, LA 70804. You may also e-mail the completed form to [Jean.May-Brett@la.gov](mailto:Jean.May-Brett@la.gov) or to [Carolyn.Sessions@la.gov](mailto:Carolyn.Sessions@la.gov) or fax it to their attention at 225-342-9891.

You will be notified of the acceptance of your proposal at which time you will receive information regarding registration for presenters.

## LATM Membership Form

All information provided is confidential and not available to outside sources without the express written permission of the LATM Executive Council. Please PRINT or TYPE. Use the address (school or home) at which you wish to receive LATM correspondence.

Name \_\_\_\_\_ Street Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

**LATM needs at least one working e-mail address. This allows us to get information to you quickly.**

E-mail address 1: \_\_\_\_\_ E-mail address 2: \_\_\_\_\_

School Name \_\_\_\_\_ Parish \_\_\_\_\_

Home Phone (\_\_\_\_\_) \_\_\_\_\_

Annual Dues: \$10.00 \_\_\_\_\_ *Full time, Non-teaching Student:* \$5.00 \_\_\_\_\_

**Make checks payable to LATM. Mail membership form and check to:**  
*Maudry Alfred, Calcasieu Parish Schools – C&I, 600 South Shattuck Street,  
Lake Charles, LA 70601.*

### LATM

JeanMay-Brett  
1627 Taylor St  
Kenner, LA 70062

### Inside:

2006 Joint LATM/LSTA Conference:

- Registration Form
- Speaker Proposal Form
- Hotel Information

News you can use!

- LATM Officer contact information
- Affiliate Updates