



Louisiana Association of Teachers of Mathematics

An Affiliate of the National Council of Teachers of Mathematics

THE NUMBER LINE

July 2007

www.lamath.org

MESSAGE FROM THE CONFERENCE CHAIRS

Laissez les bon temps rouler in Lafayette on October 11-13! The Louisiana Association of Teachers of Mathematics invites you to join mathematics enthusiasts from around the state as we “Bond with Math” in 2007. The LATM fall conference headquarters hotel is the Hilton Lafayette with additional sessions at the Best Western Hotel Acadiana. You can book your room at the Hilton for the conference on our website, www.lamath.org. You may reserve a room at the Best Western by calling 800-826-8386. When you book your room at either the Hilton or Hotel Acadiana, be sure to mention that you are with the Louisiana Association of Teachers of Mathematics to get the special conference rate!

The two and a half days will be jam-packed with a great program. Extended sessions will be held on Thursday that will require advanced reservations. All day Friday and on Saturday morning, many sessions will be offered with interesting ideas to meet your mathematics needs at every grade level and level of administration. You’ll find information on effective use of technology in teaching, integrating literacy in the mathematics curriculum, making sense of measurement, mastering basic facts, grant writing, and use of a GPS in mathematics. On the light side, we’ll be able to experience the mathematics in movies. Through all of these sessions, teachers from around the state will share ideas and activities as they *Bond with Math!*

Exhibits will commence with a reception beginning at 6:00 p.m. on Thursday night at the Hilton and will be open until 5:00 p.m. on Friday. The annual banquet will be held Friday night at the Best Western Hotel Acadiana. Educators will be honored for their contributions to mathematics from the kindergarten through college levels. We hope you will join us in recognizing their dedication.

While in town, you will find that Lafayette offers opportunities for enjoying great restaurants, shopping, artists, and French-inspired culture. Come experience what promises to be an exciting time. We look forward to seeing each of you in Lafayette!

Jeremy Muse
Maryanne Smith
Conference Co-Chairs

QSM Grants: A Great Opportunity!

Apply for a Quality Science and Math (QSM) grant to enhance your math or science classroom! If you are a teacher in a "regular classroom" in a Louisiana public school, you are eligible for up to \$750 in funding for materials. Check out the website www.cain.lsu.edu and then click on QSM. You may also print out PDF files of the application and the scoring rubric to guide you through your application. The deadline for applications is Friday, Sept 7, 2007. You may contact the Cain Center at caincenter@lsu.edu or 225-578-3322 if you have any questions.

Members of the LATM Executive Council

Jeremy Muse President musej@apsb.org	Maudry Alfred Membership Chair maudry.alfred@cpsb.org	Sharon Thomas GNOTM Representative sthas31@cox.net
Beth Smith VP Colleges bsmith@ulm.edu	Unfilled Community Relations	Tina Armand LCSM Representative tarmand@avoyellespsb.com
Kellye Ratcliff VP High Schools kratclif@lincolnschools.org	Carolyn Sessions LDE Representative carolyn.sessions@la.gov	Jean Ware NCTM Representative jware@caddo.k12.la.us
Michelle Conner VP Middle Schools michelle.conner@cpsb.org	Bryan Alleman Parliamentarian balleman@acadia.k12.la.us	Tonya Evans NLMA Representative tevans@caddo.k12.la.us
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Nell McAnelly Treasurer mcanelly@math.lsu.edu	Solomon Idowu BRAC TM Representative solodowu@yahoo.com	Carolyn Sessions Interim PA Coordinator carolyn.sessions@la.gov
	Jean May-Brett Newsletter Editor jean.may-brett@la.gov	

Election of Officers

Article V

Section 3. Elected on the odd numbered years are these officers: president-elect, secretary, parliamentarian, and two vice-presidents.

The following Proposed Slate of Officers is submitted for consideration by the Nominations Committee. Any member wishing to submit additional nominations should provide the nominee's name, phone number, and email address to Beth Smith at bsmith@ulm.edu by August 31, 2007.

President Elect: Maryanne Smith
 Secretary: Suzanne Buras
 Parliamentarian: Bryan Alleman
 Vice President for High Schools: Sharon Thomas
 Vice President for Middle Schools: Michelle Connor

The Nominations Committee is pleased to announce the following nominations for appointed offices have been approved by the LATM Executive Council!
 Congratulations!

Newsletter Editor: Jean May-Brett
 Web Site Editor: Suzanne Moyers

Affiliates in Action

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



The spring BRAC TM meeting and social brought to closure a highly successful year for the affiliate! The first meeting of the 2007-08 school year will take place September 17th.

Greater New Orleans Teachers of Mathematics (GNOTM)

by Sharon Thomas, GNOTM Representative to LATM

The Greater New Orleans Teachers of Mathematics held its Teacher Recognition Reception on May 2nd at Smilie's Restaurant. GNOTM members, along with many of their principals, honored 42 teachers at the reception. They each received a bag with the GNOTM logo and LATM notepads.

The board met for its planning retreat on May 25 at Portabella's Restaurant. A mini-conference is planned for Saturday, October 27th. This year's mini-conference will be held at the Pan American Life Building on Poydras. Everyone is invited! For more information on the mini-conference or if you are interested in presenting during the conference, please contact Sharon Thomas at sthomas31@cox.net. The board is planning a teacher recognition reception in the Spring as well.

Northeast Louisiana Association of Teachers of Mathematics (NELATM)

by Beth Smith

NELATM concluded its first year with an April meeting. LATM President, Jeremy Muse, was present to speak to the organization. He addressed NCTM's Focal Points, math reform in Louisiana, and how we can all make a difference. Jeremy's talk was both inspiring and motivational.

Affiliate Services of NCTM has forwarded their recommendation for NELATM's NCTM affiliate status to NCTM's Board of Directors. This board should meet at the end of July. It is our hope that we will have been given affiliate status by early this fall.

The Northeast Louisiana Association of Teachers of Mathematics services the Region 8 School Districts of Union, Morehouse, West Carroll, East Carroll, Lincoln, Ouachita, Monroe City Schools, Richland, Madison, Jackson, Caldwell, Franklin, Tensas, Catahoula, and Concordia. For more information about NELATM, visit <http://www.nelatm.org>.

Northwest Louisiana Mathematics Association (NLMA)

by Tonya Evans, NLMA Representative to LATM

The Northwest Louisiana Mathematics Association Fall Social is tentatively scheduled for Saturday, November 10, 2007. Each NLMA member will receive a special invitation and is asked to bring a friend. You will receive more details in August.

SouthEast Area Teachers of Mathematics (SEATM)

by Maryanne Smith, SEATM Representative to LATM

SouthEast Area Teachers of Mathematics (SEATM) held its spring meeting on the campus of Southeastern Louisiana University in Hammond on Saturday, April 28. Breakfast and registration were held beginning at 8:30. The mini-conference featured mathematics presentations at the elementary and high school levels for over 50 participants that day.

Pat Edmiston and Becky Muller organized the event that brought pre-service teachers together with veteran mathematics educators. Effective use of the TI Navigator and graphing calculators, data in the classroom, and a mathematicians' project were some topics covered that morning.

After a brief lunch that was provided by SEATM, we closed with a grant-writing presentation for all in attendance. The mini-conference ended at 1:00 p.m. The feedback from participants suggested that this conference offered not only mathematics educational information, but the first exposure to our mathematics professional organizations, SEATM, LATM, and NCTM, for some participants.



Buras Named 2006 Presidential Awardee Edmiston, Goodner, and Melancon Designated as 2007 Finalists

2006 Presidential Awardee

Ms. Suzanne Buras, a teacher at Lake Harbor Middle School in St. Tammany Parish, was selected as Louisiana's 2006 Presidential Awardee for Excellence in Mathematics Teaching. Each state is permitted to submit the names of three finalists whose applications are then reviewed and ranked by a National Selection Committee. Suzanne was honored along with other state awardees during the week of May 14-18, 2007, in Washington, D.C. She also received \$10,000 from the National Science Foundation.

2007 Presidential Awardee State Finalists

Patricia Edmiston, Pamela Goodner, and Kim Melancon have been designated as 2007 state level finalists for the Presidential Award for Excellence in Mathematics Teaching (PAEMST) by the Louisiana Presidential Award Selection Committee. Their application packets have been forwarded to the National Selection Panel for review.

Dr. Edmiston currently teaches Calculus AP, Robotics, and Algebra II at Covington High School in St. Tammany Parish. Patricia has received two NASA Space Grants, has served as a presenter at local, state and national conferences, and has taught for 15 years at the university and high school levels.

Ms. Goodner has 16 years of teaching experience and currently teaches middle school mathematics at Episcopal High School in Baton Rouge. She received her National Board Certification in 2003 and received the LATM Middle School Teacher of the Year Award in the same year. Pam has presented at local and state conferences and for the Louisiana Resource Center for Educators Summer Institutes.

Ms. Melancon received National Board Certification in 2003 and was named the Ascension Parish Teacher of the Year in 2002-2003. Kim has 13 years of teaching experience with the last 8 years being at St. Amant High School in St Amant, LA. She is a teaching consultant for the Algebra I – Physical Science Math-Science Partnership Project in East Baton Rouge and Iberville Parishes and is the writer of the Algebra I course in the *Louisiana Comprehensive Curriculum*.

All four of these outstanding teachers will be honored at the Board of Elementary and Secondary Education meeting in September with a luncheon to follow at the Governor’s Mansion. LATM will also recognize each of these teachers at the 2007 Awards Banquet.

Congratulations to each of you!

LATM Annual Conference: 2~007 *Bond with Math* Conference Hotels

Hilton Lafayette
800-HILTONS (445-8667)
1521 W. Pinhook Road
Lafayette, LA 70505

Room	Rate Per Night	Conference Rate Deadline
Two Double Beds	\$ 99.00	September 19, 2007
One King Bed	\$ 109.00	
Executive Level Double	\$ 129.00	
Executive Level King	\$ 139.00	
Parlor with Murphy Bed	\$ 119.00	

Best Western Hotel Acadiana
1801 W. Pinhook Road,
Lafayette, LA 70508
PHONE (337) 233-8120

Room	Rate Per Night	Conference Rate Deadline
Double	\$99	September 19, 2007
King	\$109	

An important message from the Program Chair:

CALLING All PRESENTERS!!! We NEED You! We are extending the deadline for presenter proposals to August 1st – to give you a little more time to get those proposals in to us. Please use the Presenter Proposal Form found on page 11. Come and join us – don’t forget - the registration fee for Lead Presenters will be reduced to \$10.

LATM Annual Conference: 2~007 Bond with Math

Conference Pre-Registration

Hilton Lafayette
Lafayette, LA
(337) 235-6111
October 11-13, 2007

First Name _____

Last Name _____

Home Address _____

Home City/State/Zip _____

Home Phone _____



Is Home Information Confidential? Yes No Preferred Mailing Address: Home Work

Work Address _____

Work City/State/Zip _____

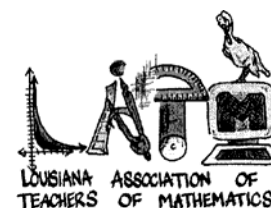
Work Phone _____

Work Fax _____

School Name _____

Grade Level Preschool Elementary Middle High College Other

School District _____



E-mail Address _____

(E-mail address required for confirmation of registration)

Full Conference Pre-Registration	\$50.00	
Full-time Non-teaching Student Pre-Registration	\$25.00	
Saturday Only Registration	\$20.00	
Short Course (Must attach Short Course Registration Form) (Full Conference Registration Required)	(3 hours) \$10 ea x ___ short courses	
Donate a dollar for the Carol Meyer Scholarship Fund	\$1.00	
Banquet – Friday, October 12, 2007 at 7:00 PM	\$25.00	
No Refunds!!		

State special assistance you may need to attend. Assistance request must be received by September 1, 2007.

Make checks payable to: LATM Conference

Mail to: Susan Welch, Avoyelles Parish School Board, 221 Tunica Dr. West, Marksville, LA 71351

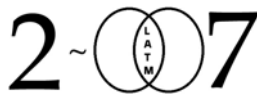
Exhibits Open Thursday, 7 pm - 9 pm and Friday, 8 am – 5 pm. Exhibits will be closed Saturday.

A \$10.00 late fee will be applied to on-site registration.

PRE-REGISTRATION MUST BE RECEIVED BY September 8, 2007!

LATM Extended Sessions

Thursday, October 11, 2007



BOND WITH MATH
LATM ANNUAL CONFERENCE
LAFAYETTE, LOUISIANA
OCTOBER 11-12

LATM Annual Conference: 2~007 *Bond with Math*

To register, list course offerings by first, second, and third choice for each time period on the Extended Session Registration Form. Participants can choose to register for one AM session, one PM session or one of each. Extended sessions must have at least 10 registered participants. In the event a session is filled or canceled participants will be scheduled for one of the other selections provided on the registration form.

There is a \$10 charge for each extended session. Payment and the Extended Session registration form must be submitted with your conference registration. All extended session participants must also be registered for the conference. The name listed on the second line of information for each session is the Lead Presenter. All sessions will be held at the Hilton Hotel.

Note: The Louisiana Council of Supervisors of Mathematics (LCSM) will hold a meeting for members Thursday afternoon.

Morning Sessions (\$10): 8:30 – 11:30 a.m.

#1 – Using Graphing Calculators in PK-2 Classrooms

08:30 – 11:30 a.m. PK-2 Heidi Lovett Daniels, M.ED.

Participants will complete and design a picture graph activity (D-4-E), discover the results of combining shapes using tangrams (G-3-E), and visualize and predict using a graphing calculator (G-1-E).

#2 – MATH IS A FAMILY AFFAIR

08:30 – 11:30 a.m. 6-8 Theresa Repak

Get parents involved in math by organizing a family math night. Sample activities will be provided and participants will have hands-on experiences to use for designing their own family math nights.

#3 – Incorporating Technology into the Comprehensive Curriculum

08:30 – 11:30 a.m. 6-8 Jackie LeBlanc

This workshop was taught by the presenter at the district level in Acadia Parish School District. It is a guide that demonstrates how to use Microsoft Word, Power Point, Excel and Inspiration to implement the Louisiana Comprehensive Curriculum in the middle school classroom.

#4 – Read All About It!

08:30 – 11:30 6-8 Dr. Charles Patterson

Come discover ways to integrate reading and writing strategies to improve student content knowledge in math. Collect ideas to enhance students writing in math and constructed response items.

#5 – Intensive TI-84 & Smartview Workshop, Using Navigator and the New TI-Nspire

08:30 – 11:30 9-12 Suzanne Moyers

An intensive, hands-on workshop, using the TI-84 calculator with TI Navigator. Using the TI-84 features, we'll collect data and use lists and tables to create graphs, functions and regressions. TI-Nspire preview included.

#6 – Differentiated Instruction in the Algebra Classroom

08:30 – 11:30 9-12 Kim Melancon

Participants will explore a variety of strategies to address the needs of all learners in their classrooms. Learn the basics of differentiation and develop lessons to use in your classroom.

Afternoon Sessions (\$10): 12:30 – 3:30 p.m.

#7 – Show Me The Math! Using the Process of Representation to teach Number Sense

12:30 – 3:30 PK-2 Judy S. Bishop

This session will investigate the math process of Representation as a way for students to understand math concepts and for teachers to assess student understanding. Handouts will provide hands-on activities.

#8 – Crossing the River: Using Theoretical and Experimental Probability in the Middle School Classroom

12:30 – 3:30 6-8 Christina Hillman-Vincent

Explore probability by looking at the “lucky” numbers when rolling number cubes. Teach students to connect symmetry, distribution, patterns, combinations and more to probability using a game called “Crossing the River”.

#9 – Grasp the Math with TI-Nspire™

12:30 – 3:30 6-12 Ellen Johnston

Come experience the most inspired graphing calculator ever imagined. By participating in this 3 hour workshop you have the opportunity to purchase the handheld and software for a discounted price of \$140.

#10 – Making Sense of Measurements

12:30 – 3:30 9-12 Pat Jones

A real-life look at attributes, units, precision, accuracy, and significant digits in problem contexts that are appropriate for high school courses.

#11 – Exploring Conic Sections with Geometer’s Sketchpad

12:30 – 3:30 9-12 Andrew Talmadge

Participants will explore properties of conic sections using Geometer’s Sketchpad. No prior experience with Sketchpad is necessary. All materials from the session will be made available to participants for use in their classrooms.

#12 – Integrating Literacy with Mathematics: Developing a LaSIP Model

12:30 – 3:30 General Interest Yvelyne Germain-McCarthy

Presenters will discuss techniques and strategies for integrating literacy and mathematics which is part of their LaSIP grant. Sample lessons in numbers and number relations will be shared as models for integrating literacy strategies within the mathematics content.

Extended Session registration form must be received by September 8, 2007

**LATM Annual Conference: 2~007 Bond with Math
Extended Session Registration Form
Lafayette, Louisiana
October 11, 2007**

Last Name _____ **First Name** _____

Address _____ **City** _____ **Zip** _____

Phone _____ **Email** _____

(Email address required. Confirmation for extended session registration will be emailed)

**Thursday, October 11, 2007 Registration Fees:
\$10.00 per 3-Hour Session**

**Registrants for Extended Sessions MUST also register for the
LATM Annual Conference: 2~007 Bond with Math
Enclose this form with your conference registration.**

Please indicate your extended session preferences below. Every effort will be made to honor your first choice. Register early to improve the chances of securing your first choice. There is a 20 person maximum for some extended sessions. An extended session must have at least ten participants to be held.

	1st Choice	2nd Choice	3rd Choice
AM Session	_____	_____	_____
PM Session	_____	_____	_____

*Confirmation of registration in extended sessions will be sent by email the week of
September 24, 2007.*

Make checks payable to: LATM Conference
Mail To: Susan Welch,
Avoyelles Parish School Board
221 Tunica Dr. West
Marksville, LA 71351

Mathematics Education

Two day Algebra I Comprehensive Curriculum Workshops were held around the state in early June. Additional workshops may be offered in September in Baton Rouge and Alexandria. These workshops are open to all Algebra I teachers in the state. To receive registration information, check for an announcement on TeachLouisiana or contact Janell.Koenig@laoe.org



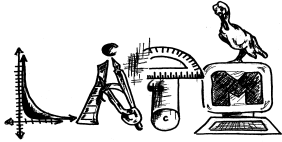
Participants work together to master Algebra I content and activities.

Carol Meyer Scholarship Fund

Carol Ermon Meyer was a wonderful, vibrant person. Although she left college and went into a business profession, she soon decided her calling was to teach. Carol began teaching at Woodlake Elementary in Mandeville. When Tchefuncte Middle School was formed in 1994, she became a fourth grade teacher there. Carol taught all subjects, but she loved mathematics. She was very active in Louisiana Association of Teachers of Mathematics and served as the newsletter editor for the organization. In 1998, Carol was awarded the Presidential Award of Excellence in Mathematics and Science Teaching for Elementary Mathematics, representing Louisiana as its elementary mathematics awardee. She was very active in sharing her knowledge with other teachers by presenting workshops at the local, state, and regional levels. She inspired all she knew to become better teachers.

In the fall of 2002, we lost a true friend and colleague to an untimely death. To honor her, LATM began the Carol Meyer Scholarship Fund. This scholarship will be awarded annually to a student planning to major in mathematics education or elementary education with an emphasis in mathematics. The award each year will be for \$500.00.

The LATM Carol Meyer Scholarship is supported through donations. On the Fall Conference registration form each year, members are given the opportunity to contribute to the fund by adding a \$1.00 donation to the normal registration fee. Additional contributions may be made at any time. Through the Carol Meyer Scholarship Fund, LATM hopes to encourage students to share their knowledge of mathematics with others by pursuing mathematics related educational careers.



Louisiana Association of Teachers of Mathematics
“Bond with Math” LATM Annual Conference 2007
October 11-13, 2007 Lafayette, Louisiana
One Hour Presentation Proposal Form

Please Print or Type

Lead Presenter Name:		Agency/School:		
Preferred Mailing Address:		City:	State:	Zip:
Work Phone: ()		Fax: ()		Home Phone: ()
E-mail (required):		Alternate E-mail:		
Co-Presenters: Attach a separate sheet to this form and include the above information for each person.				
Intended Audience (check only one):				
<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>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 a different time slot with the intent of providing the most balanced program possible.</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</p>				
Focus Strand (Check All that Apply):				
<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			
Session Title:				
Description (30 words or less):				

Equipment: 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 August 1, 2007 to: Sharon Thomas, Jefferson Parish Schools, 501 Manhattan Blvd, Harvey, LA 70058. You may also email the completed form to sthomas31@cox.net or fax it to Sharon Thomas at (504) 349-7797.

You will be notified of the acceptance of your proposal.

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 _____

Renewal New Membership

**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

Jean May-Brett
1627 Taylor St
Kenner, LA 70062

Inside News:

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