ARKANSAS
Council of Teachers of Mathematics

SPRING 2007 VOLUME 1, ISSUE 1

Dear ACTM Family,

How many times do we make decisions and then change our minds? I find that as I age, I am giving myself more and more permission to do just that. Such as my decision to retire this June and then changing my mind and deciding that I just wasn't ready to give it up. Perhaps there is a little more that I have to offer to the world of education.

And then there is the example of a student I know who made the decision to apply to one of the military service academies, changed his mind twice more and ended up applying and being accepted to three military service academies. Now he really does have a decision to make.

I find it disquieting that we often expect students in high school to make life-altering decisions. Some students decide at an early age that college is just not for them. Together with their parents, they may choose to take the easier road through education. Then in their late twenties or early thir-

(Continued on page 2)

SPECIAL POINTS OF INTEREST:

- Summer Workshop information from across the state
- Proposed new ACTM constitution
- ASU @ OR-AR-MAA
- Arkansas Math and Science Teachers Exceed Expectations Again

CONGRATULATIONS

LISA DAVIS HONEY
GIBBS ALBRIGHT ELEMENTARY SCHOOL, NEWPORT
ARKANSAS ELEMENTARY SCHOOL
TEACHER OF THE YEAR

CYNTHIA LYNN LOGAN
WALNUT RIDGE SCHOOL DISTRICT
ARKANSAS MIDDLE SCHOOL
TEACHER OF THE YEAR

Awarded by the Oklahoma-Arkansas Section
Mathematical Association of America

2006-2007

INSIDE THIS ISSUE:

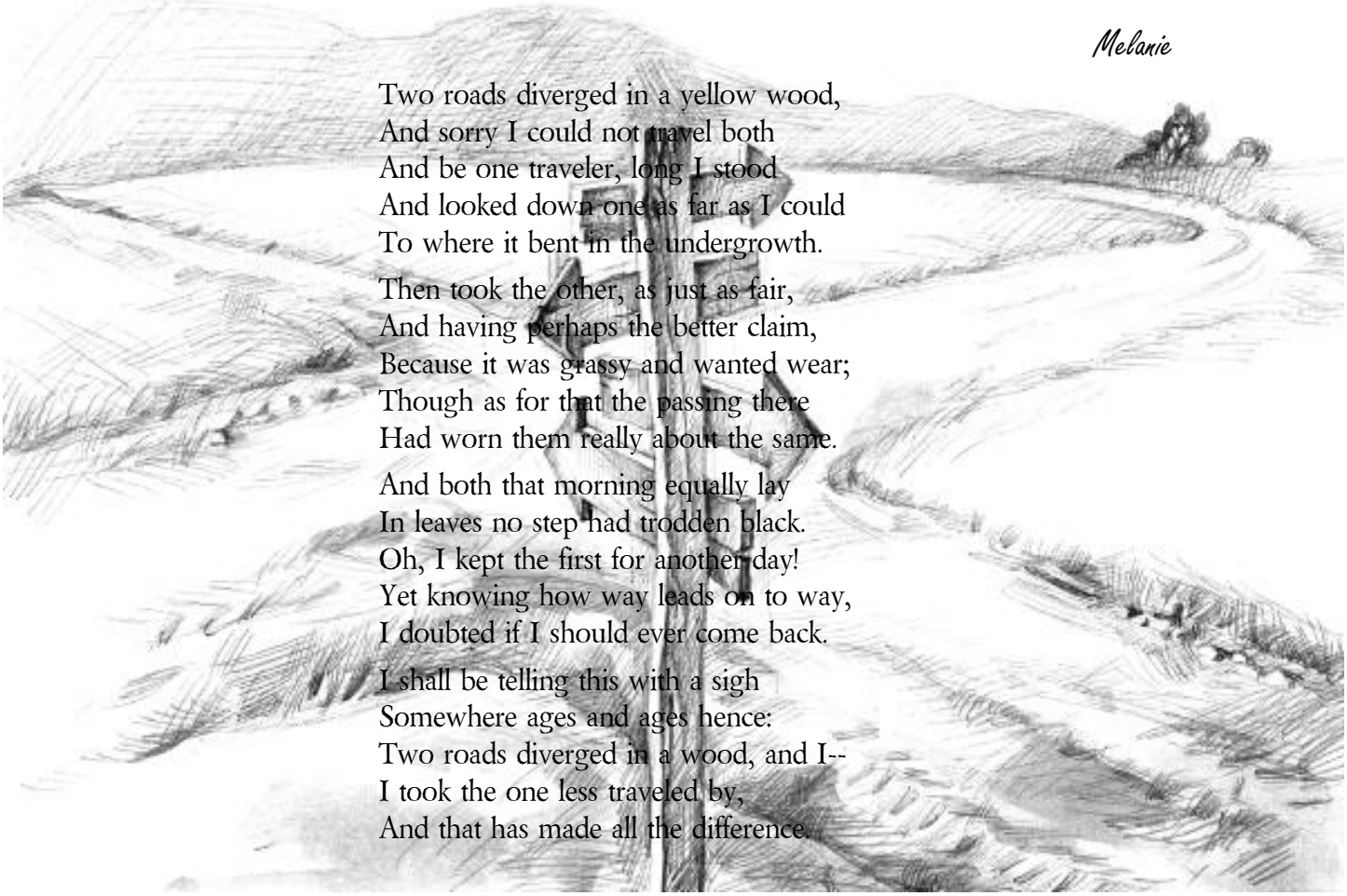
(Continued from page 1)

ties they change their mind, realize that a strong education is the key to many doors, and decide to go back to school. Then it hits – they are lacking the strong mathematics, science and writing skills required to make their educational experience much more doable. Wouldn't it be great if every student could graduate with a solid background in mathematics, science, research techniques and writing skills? Then, whatever decisions are made or changed and whenever decisions are made or changed, our students would be prepared. I'm selfish – I want every student to succeed at a high level of mathematics. But the truth is, students need to succeed at a high level in most disciplines. They need to have the skills necessary to succeed when and if they too change their minds.

We as educators have so much more influence on students than we often wish to realize. We not only teach content, but the vast majority of what students remember from our classes is what we have taught them concerning character, study skills, discipline, respect, kindness, equity, and concern for the world in general. Our task is awesome. And isn't it just the very best!!

As the 2006-2007 school year draws to an end, please take the time to look deep into the hearts and souls of your students and make sure that what they have learned from you this year is something important – yes the mathematics, but more than that – how to be a better person and to realize that decisions can be changed. After all, we all have more to offer. I'll end this message with a favorite poem of mine by Robert Frost in which two roads diverged but after a time, perhaps they diverged a second and a third time.

Melanie



Two roads diverged in a yellow wood,
And sorry I could not travel both
And be one traveler, long I stood
And looked down one as far as I could
To where it bent in the undergrowth.

Then took the other, as just as fair,
And having perhaps the better claim,
Because it was grassy and wanted wear;
Though as for that the passing there
Had worn them really about the same.

And both that morning equally lay
In leaves no step had trodden black.
Oh, I kept the first for another day!
Yet knowing how way leads on to way,
I doubted if I should ever come back.

I shall be telling this with a sigh
Somewhere ages and ages hence:
Two roads diverged in a wood, and I--
I took the one less traveled by,
And that has made all the difference.

Elementary Math Specialists

Emily Hartsfield
Great Rivers Education Service Co-op
P.O. Box 2837
West Helena, AR 72390
Work Phone 870-338-6461
Work Fax.....870-338-7905
Email:... ehartsfield@griver.grsc.k12.ar.us

Cheryl Caldwell
Arkansas River Education Service Co-op
912 West 6th Street
Pine Bluff, AR 71601
Work Phone 870-534-6129
Work Fax.....870-534-2847
Email:.....Cheryl.Caldwell@Arkansas.gov

C. Neelie Dobbins
UALR Mathematics & Science Partnership
c/o Department of Teacher Education
University of Arkansas at Little Rock
2801 S. University
Little Rock, AR 72204-1099
Work Phone 501-569-8062
Work Fax.....501-569-8242
Email:..... cnreynolds@ualr.edu

Debbie Cearley (TCC)
South Central Education Service Co-op
400 Maul Road
Camden, AR 71701
Work Phone 870-836-2213
Work Fax.....870-836-5347
Email:.... cearleyd@gumbo.scsc.k12.ar.us

Jody Pearce
De Queen/Mena Education Service Co-op
305 S. Hornberg Road, P.O. Box 110
Gillham, AR 71841
Work Phone 870-386-2251
Work Fax.....870-386-7731
Email: ....pearcej@dmec1.dmsc.k12.ar.us

Chris Davis
Crowley's Ridge Education Service Co-op
1606 Pine Grove Lane
Harrisburg, AR 72432
Work Phone 870-578-5426
Work Fax.....870-578-5896
Email: ..... Chris.Davis@Arkansas.gov

Angela Murphy
Southwest Arkansas Education Co-op
500 South Spruce
Hope, AR 71801
Work Phone..... 870-777-3076
Work Fax 870-777-5793
Email: ..... amurphy@et.swsc.k12.ar.us

Tracey Cook
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Melbourne, AR 72556
Work Phone..... 870-368-7955
Work Fax 870-368-4920
Email: .....traceyc@naesc.ncsc.k12.ar.us
Tracey.Cook@Arkansas.gov

Tonia McMillan
Dawson Education Service Co-op
711 Clinton Street, Suite 201
Arkadelphia, AR 71923
Work Phone..... 870-246-3077
Work Fax 870-246-5892
Email: .....toniam@dawson.dsc.k12.ar.us

Shane Flud (TCC)
Ozarks Unlimited Resource Co-op
525 Old Bellefonte Rd.
Harrison, AR 72601
Work Phone..... 870-743-9100
Work Fax 870-743-9099
Email: ..... Shane.Flud@Arkansas.gov

Heather Carter
Southeast Arkansas Edu. Service Co-op
1022 Scogin Drive
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Work Phone..... 870-367-4829
Work Fax 870-367-9877
Email: ..... h.carter@se2.k12.ar.us

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Western Arkansas Edu. Service Co-op
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Work Fax 479-965-2723
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Work Fax 501-882-5631
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101 Bulldog Drive
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Work Fax 501-354-0167
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Work Fax 479-267-7456
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Angelia Carlton
Northeast Arkansas Educational Co-op
211 West Hickory
Walnut Ridge, AR 72476
Work Phone 870-886-7717
Work Fax 870-886-7719
Email: .....Angelia.Carlton@Arkansas.gov

Check with your area state mathematics specialist for additional mathematics professional development opportunities this summer. State mathematics specialists are located at educational service centers and university math/science centers.

Pulaski County area educators can check with their local school districts.

Get A Clue

Integrating Mathematics and Science Through Forensics

A Three-Hour Graduate Course
Offered by the College of Science and Mathematics and the College of Education
Arkansas State University

Who should take this course? Middle and Secondary Science and Mathematics Teachers (Grades 6-9)
Is the course aligned with Arkansas Science Frameworks? YES

When and where will the course be offered? There will be 8 days of instruction at Arkansas State University-Jonesboro, **June 11-14 & 18-21, 2007**, with follow-up sessions and classroom visits in the fall (2007) and spring (2008)

Who will teach the class?

Wallece Brewer, Mathematics Specialist, NEA Rural Institute	(wbrewer@astate.edu)	870-897-5104
Debby Rogers, Science Specialist, NEA Rural Institute	(drogers@astate.edu)	870-926-4707
Dr. Ann Ross, Assistant Professor of Teacher Education, ASU	(cross@astate.edu)	870-680-8014
Dr. Mike Hall, Assistant Professor of Mathematics, ASU	(mhall@astate.edu)	870-972-3080

What will it cost? ONLY $225 ($500 of the tuition will be paid by the grant)

What will I get?
Three hours of science **or** mathematics graduate credit; $150 in equipment and supplies for your classroom; 15 hours of professional development credit; lunch each day during the summer session; **$250 stipend** for attending the three follow-up days; **an excellent learning opportunity**

☞ **Some Housing Funds are Available**

General Course Description

The Get-A-Clue project will consist of a three-credit graduate course conducted over eight days in June, 2007, in-school mentoring during the 2007-2008 school year, and two follow-up sessions. The course will focus on incorporating technology in an integrated content-rich curriculum based on solving crimes. Forensic science will be used as a unifying theme for enabling teachers to better understand content areas tied to Arkansas standards, and to incorporate NSTA and NCTM standards of science and mathematics pedagogy and technology use into their classrooms.

Instructors will be using activities from the following books: United We Solve; Forensics: Connecting Science Investigations with TI Data Collection Activities; Get It Together; Get A Clue-Using Technology to Solve a Crime; Activities for Algebra with the TI-83 Plus; Discovering Density; Dr. Marcia Tate's books on brain research and Dinah Zike's foldable books.

Data collection and analysis are critical skills of science, technology, engineering, and mathematics (STEM) careers, and are emphasized in national and state educational standards for K-12 science, mathematics, and technology. Many Arkansas students do not participate in inquiry activities in their science classes either because their teachers do not have the content knowledge needed to teach these skills, or because they lack needed equipment and materials. This course will address those needs.

Get A Clue
Registration Form

Mail to **Jannie Trautwein, PO Box 3891, State University, AR 72467**
or fax to **870-972-3559** to hold your place

(please type or print neatly in ink)

Name _____

Social Security # _____ ASU Student ID # _____

School _____ District _____Grade(s)_____

Course(s) Taught _____

School Phone _____ FAX _____

School E-mail _____
(Confirmations and other correspondence will be sent by e-mail when possible)

Home E-mail _____

Home Address _____ Zip _____

Home Phone _____

Have you ever taken a graduate course from ASU? _____ Yes _____ No

Will you need housing? _____ Yes _____ No

Method of Payment (check one and complete)
(Make checks payable to **Arkansas State University**)

____ Personal check enclosed ____ School check enclosed ____ PO enclosed: PO# _____

If you have questions, please contact:

Wallece Brewer, Mathematics Specialist, NEA Rural Institute	(wbrewer@astate.edu)	870-897-5104
Debby Rogers, Science Specialist, NEA Rural Institute	drogers@astate.edu)	870-926-4707
Jannie Trautwein, NEA Rural Institute	(jhuffman@astate.edu)	870-897-5109

Registration Deadline
May 15, 2007

Mena Public Schools Hosting

8-12 Mathematics Professional Development

Henderson State University

Offering 3 Hours Undergraduate/Graduate Credit -Summer II
Course Name: Special Topics/Math Education—
MTH4493/5493 www.hsu.edu
Cost: $670 payable to Henderson State University

Teaching Mathematics for Conceptual Understanding Using 3x5 Cards and Geometer Sketchpad

Dr. William Durand

Cost: $40 per day or $150 if attending all 5 sessions
Participants will receive activities to enrich Middle School Mathematics, Algebra I, Algebra II, Geometry, Trigonometry, and Calculus Classes.

Teachers will gain the knowledge of how to present a conceptual lesson from introducing the concept to assessment.

NAME _____

DISTRICT _____

POSITION _____

ADDRESS _____

PHONE/FAX _____

The day by day itinerary is available in this newsletter. However, Dr. Durand would like for you to write any concept issues or concerns in the blank below so that he may better serve your needs during this five day session.

Mena Public Schools
501 Hickory Avenue
Mena, AR 71953

July 9-13, 2007
Mena High School Library
8:30 a.m.-3:30 p.m.
Park Behind the High School Through South Entrance

Registration Ends May 25th
Maximum Participants—50

Send Attention to Elizabeth Coogan
K—12 Math SPC

Make check payable to Mena Public Schools

Teaching Mathematics for Conceptual Understanding Using 3x5 Cards and Geometer Sketchpad

Mena Course

Day 1 **3 x 5 card geometry activities**.

- Parallel lines and angle relationships
- Triangle and Quadrilateral (Classification)
- What is a degree?
- Sum of the measures of the interior angles of a polygon (alpha shapes)
- Properties of a parallelogram
- Perimeter and Area formulas
- Pythagorean Theorem
- Volume of prism, pyramid, cylinder, cone, sphere
- Surface area of special solids

Day 2 **Coordinate geometry**

- Rates of change (slope)
- Lines (connection between the geometry and algebra of lines)
- Geometric algebra
- p (Activity to show the ratio of the circumference of a circle to the diameter is a constant)
- Transformations in the coordinate plane
- Graphing families of curves

Day 3 **Degree and radian measure**

- Measure of the length of an arc and the area of a sector
- Trigonometric functions
- Special triangles ($30^o – 60^o – 90^o$ and $45^o – 45^o – 90^o$)
- Graphing trig functions as transformations

Day 4,5 **Limits**

- Derivatives (tangent lines)
- Mean Value Theorem (Derivatives)
- Curve Sketching
- Optimization theory
- Introduction to Definite Integral
- Fundamental Theorem of Calculus

Geometer's Sketchpad activities will be used in the afternoon of each of the days.

ACTM hopes to co-sponsor our T^3 regional conference with Texas Instruments again on the ASMSA campus in February, 2008.

Final decisions from Texas Instruments will be made within a few weeks. Watch the ACTM website for updates!

A Math Solutions

Math and Literature- Two-Day Series (Grades 3-6)

In classrooms, literature often provides a context for learning to read and use language. This two-day series extends the use of children's literature into the mathematics curriculum. Throughout the week, engaging children's books are used to pose a variety of interesting mathematical problems to challenge students' thinking and reasoning. In addition, course experiences help in the selection and use of literature as a springboard into important topics in the math curriculum.

You'll Learn To:

- Use strategies common to literacy and math instruction to support student learning.
- Use children's books to present problem-solving experiences from various strands of the mathematics curriculum, including number and operations, probability, geometry, measurement, and algebra.
- Incorporate communication into mathematics instruction.
- Help students enjoy math as they increase their understanding and confidence.

You'll leave this course with a deeper understanding of the math you teach, and a wealth of ideas to take back to your classroom.

TO REGISTER

Enroll online today at
www.escworks.net/ar_esc
by May 15, 2007

Enrollment Includes:

- A Math Solutions resource book full of classroom-tested lessons
- A sample kit of manipulative materials
- A subscription to our online newsletter
- Discounts on Math Solutions books and resources

"I really enjoyed all of the presenters. They had a great knowledge base of the Math and Literature concept. It was great to learn ideas to incorporate children's literature with mathematics curriculum."

Stephanie Newsom
Grade 6-8 Teacher School District 188
Collinsville, IL

Course Information:

Dates: July 2-3, 2007
Time: 8:30-3:45
Place: Ozarks Unlimited Resource Co-op
Harrison, Arkansas
Fee: $375
Register By: May 15, 2007

Math Solutions®
PROFESSIONAL DEVELOPMENT

Session is Coming to Your Area

RESERVE YOUR SEAT!

Teaching Algebraic Thinking (Grades K-2)

This session addresses the mathematical content and instructional strategies necessary for developing students' algebraic thinking. You'll see how instruction in algebra builds on the instruction you're already providing in the area of number and operations, and thereby supports, enhances, and extends children's work in arithmetic.

What You'll Learn:

As a result of this session, you'll learn how to:

- Provide instructional experiences that build students' understanding of equivalence, patterns and functions, variables, and graphing.
- Link algebraic thinking instruction to arithmetic instruction.
- Use problem-solving experiences, manipulative materials, children's books, and other contexts familiar to students, to support student' development of algebraic thinking.

Enrollment Includes:

- A subscription to our online newsletter with practical ideas for supporting instruction
- Discounts on Math Solutions books and resources

"I gained deeper understanding in areas of mathematics that I struggled with in school as a learner. The understanding that I've developed by participating in this series has changed my teaching, and my students are benefiting. This series has strengthened and challenged by thinking!"

-Teacher, Grade 2

Session Information:

Dates: July 26 or July 27, 2007(select one)

Time: 8:30-3:45

Place: Plumerville, Arkansas

Host: Arch Ford Education Service Coop

Fee: $165

Register By: June 1, 2007

TO REGISTER

Register online today at
http://www.afsc.k12.ar.us
through the online Summer Catalog

For questions, contact:
Nancy.Via@arkansas.gov

Marilyn Burns
Founder
Marilyn Burns Education Associates

A Math Solutions Session is Coming to Your Area

RESERVE YOUR SEAT!

Math and Literature- (Grades K-8)

In classrooms, literature often provides a context for learning to read and use language. This two-day series extends the use of children's literature into the mathematics curriculum. Throughout the week, engaging children's books are used to pose a variety of interesting mathematical problems to challenge students' thinking and reasoning. In addition, course experiences help in the selection and use of literature as a springboard into important topics in the math curriculum.

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- Use strategies common to literacy and math instruction to support student learning.
- Use children's books to present problem-solving experiences from various strands of the mathematics curriculum, including number and operations, probability, geometry, measurement, and algebra.
- Incorporate communication into mathematics instruction.
- Help students enjoy math as they increase their understanding and confidence.

You'll leave this course with a deeper understanding of the math you teach, and a wealth of ideas to take back to your classroom.

TO REGISTER

Enroll online today at
www.mathsolutions.com
Questions? Call 800-868-9092

Enrollment Includes:

- A Math Solutions resource book full of classroom-tested lessons
- A sample kit of manipulative materials
- A subscription to our online newsletter
- Discounts on Math Solutions books and resources

"I really enjoyed all of the presenters. They had a great knowledge base of the Math and Literature concept. It was great to learn ideas to incorporate children's literature with mathematics curriculum."

Stephanie Newsom
Grade 6-8 Teacher School District 188
Collinsville, IL

Course Information:

Dates: July 23-27, 2007

Time: 8:30-3:45

Place: Mena High School
700 South Morrow
Mena, Arkansas 71953

Fee: $510

Credit: At the end of this course, Arkansas teachers will be presented with documentation of six hours of technology professional development.

Register By: June 22, 2007

Math Solutions®
PROFESSIONAL DEVELOPMENT

Marilyn Burns
Founder
Marilyn Burns Education Associates

UALR/ASMSA Summer Math and Science Academy

July 15-20, 2007

Institutes will be held
Sunday, July 15, 1:00pm-6:00pm
Monday-Friday, July 16-20, 8:00am-5:00pm
&
Saturday, August 25 & Saturday, September 8

Four Graduate Course Options

Biology **Chemistry** **Physics**

Integrated Physical, Earth and Life Sciences for Middle School

ASMSA & UALR 2007 Summer Science Academy

Teacher Content Enrichment—Ensuring Student Success

The Arkansas School for Mathematics, Sciences and the Arts and the University of Arkansas at Little Rock are pleased to offer Arkansas' teachers summer professional development opportunities geared toward enriching science instruction.

Participants will be provided 60 hours of professional development and 3 hours of UALR graduate credit. The Sunday-Friday, July 15-20 Biology, Chemistry and Physics courses will be held on the campus of Arkansas School for Mathematics, Sciences, and the Arts in Hot Springs. The Middle School course will be held on the UALR campus. Two 4 hour Saturday follow-up sessions, August 25 and September 8 will be held on the UALR campus in Little Rock for all courses. Participants also agree to present at the Arkansas Curriculum Conference November 1-2, 2007 in Little Rock. Funding is provided by ASMSA, UALR and grants from Arkansas Department of Higher Education and the United States Department of Education.

Scopes and Sequences

Physics, PHYS 5399—descriptive statistics, kinematics and dynamics, energy and momentum conservation, rotation, torque and static equilibrium, harmonic motion. waves and resonance, thermodynamics and electric fields, heat and gas, working with technology

Chemistry, CHEM 7390—thermo-chemistry, thermodynamics, kinetics, electronic structure, equilibria, electrochemistry, gases, forces, liquids and solids

Biology, BIOL 5399—molecules, cells, cellular respiration, Mendelian genetics, biotechnology, plants and animals

Integrated Middle School Science, GATE 7393— atomic theory, properties of matter, Newton's Laws of Motion, earth surficial forces, soil formation and permeability, plants, ecosystems, heredity, organ systems and homeostasis, integration of laboratory experience and activities into the gifted classroom

Goals of the UALR Mathematics Science Education Partnership/Science Academy:

1. To increase teachers' content knowledge in topics related to the Arkansas Chemistry, Physics, Biology and Middle School Science frameworks.
2. To assist teachers incorporate exploration and data-collection and laboratory activities into the classroom, with and without the use of technology, to facilitate their students' conceptual understanding of challenging science topics.
3. To introduce teachers to the concept of standards-based learning, so that their students will be better prepared for the End of Course Exam where appropriate.
4. To increase teacher content knowledge by reviewing the more demanding topics in Chemistry, Biology, Physics and Integrated Middle School Physical and Earth Science.
5. To increase the number of laboratory experiences and comfort level of laboratory preparation and instruction.
6. To increase teachers' knowledge of laboratory safety, preparation of chemical usage and proper waste disposal.

ASMSA UALR Science Academy Registration Form

Sign up for:	Date	Price
☐ Biology	July 15-20	$250.00
☐ Chemistry	July 15-20	$250.00
☐ Physics	July 15-20	$250.00
☐ Middle School Science	July 15-20	$250.00
☐ Dorm room & breakfasts	July 15-20	N/A

Dorm room accommodations and Breakfasts are included in the $250 registration fee. Please indicate above if you will need a dorm room & breakfasts. Lunches will be provided.
Registration fees are non-refundable.

Name

Home Address

School

Phone

Email

Method of Payment:

☐ Personal Check Enclosed
☐ School check enclosed
☐ PO # _____

Registration Deadline
June 15, 2007

The Arkansas School for Mathematics, Sciences and the Arts
&
The University of Arkansas at Little Rock

Institutes will be held:

Sunday, July 15, 1:00 pm-6:00 pm
Monday-Friday, July 16-20, 8:00 am - 5:00 pm.
&
Saturday, August, 25
&
Saturday, September 8

Lunches and breaks will be provided.

ASU Mathematics and Statistics Department attends OK-AR-MAA

Debra K. Ingram, Ph.D.

A group of students and faculty from the Department of Mathematics and Statistics recently traveled to Tahlequah, OK, for the annual meeting of the Oklahoma-Arkansas Section of the Mathematical Association of America (OK-AR MAA). Attending the meeting were undergraduate students Pamela Cox and Alison Wiley (co-presidents of the ASU Student Chapter of the MAA) and Bilal Khokar; graduate students Matthew Franklin and Carrie Thielemier; and faculty members Kent Gibson, Sarah Gore, Dr. Mike Hall, and Dr. Debra Ingram (MAA faculty mentor). Wiley presented a paper in collaboration with Ingram titled "Uncovering the Complex Aliasing Patterns of Some Nonregular Designs."

Several individuals from ASU were recognized at the conference. Dr. Jerry Linnstaedter, chair of the Department of Mathematics and Statistics, received special recognition for 50 years of service to the MAA. ASU alumnus Cynthia Lynn Logan (BSE 1980, MSE 1983), of Walnut Ridge School District, received the OK-AR MAA Award for Arkansas Middle School Teacher of the Year. ASU alumnus Lisa Davis Honey (BSE 1991, MSE 2007), of Gibbs Albright Elementary School in Newport, received the OK-AR MAA Award for Arkansas Elementary School Teacher of the Year. Logan and Honey were both recognized for excellence in mathematics teaching, innovative teaching strategies, and high standards in the classroom. They both participate in ASU workshops for mathematics teachers, funded by No Child Left Behind grants in the Department of Mathematics and Statistics and the College of Education. Congratulations to Dr. Linnstaedter, Ms. Logan, and Ms. Honey on their awards and recognitions!

Deborah Roberts- South Arkansas Math and Science Center

June 4-8	Geolegs
June 11-14	Functional Math
June 18-20	MathLINKS 7-8 Year 2-Dawson Coop
June 25-28	Behind the Scenes in Science & Math
July 5-6	Sketchpad
July 17-19	MathLINKS 7-8 Year 2-DMEC Coop
July 23-25	Teaching Math to ALL Students
July 31-Aug 2	MathLINKS 7-8 Year 1-Dawson Coop
August 3	TI 84 Calculator Workshop
August 6	TI 73 Calculator Workshop

NCTM New Publications!

You may go to NCTM's online catalog for a picture of the book, its contents, and pricing information. These books are *now available for purchase.*

- Navigating through Number & Operations in Grades 3-5
- Making Sense of Mathematics: Children Sharing and Comparing
- Second Handbook of Research on Mathematics Teaching and
- The Learning of Mathematics: 69th NCTM Yearbook
- Results and Interpretation of the 2003 Math Assessment of the NAEP
- 100 Years of Mathematics Teacher
- 100 Favorite Calendar Problems Poster
- MT 100 Special Issue and Poster Package

LET YOUR VOICE BE HEARD

RETURN YOUR VOTE FOR OR AGAINST PROPOSED ACTM CONSTUTITION REVISIONS

In an effort to bring the ACTM constitution in line with current policies and activities of ACTM, the Executive Board of ACTM proposes the indicated revisions of the ACTM constitution.

- Bold type indicates proposed additions to the constitution,
- Strike-throughs indicate proposed deletions.

Please read the constitution and its proposed revisions. Indicate your preference for these changes and return your ballot as indicated below.

_____ **Yes, I support the indicated ACTM proposed constitutional revisions.**

_____ **No, I do not support the indicated ACTM proposed constitutional revisions.**

Comments:

Please return this ballot by July 15, 2007 to
Melanie Nichols, ACTM president
110 Patrick Lee Court
Hot Springs, AR 71913

The Arkansas Council of Teachers of Mathematics Executive Board offers the Weyerhaeuser company its thanks for being the first company to support ACTM by purchasing an advertising page in our newsletter. This support helps insure the future expansion and publication of the ACTM newsletter.

CONSTITUTION

ARKANSAS COUNCIL OF TEACHERS OF MATHEMATICS

(Amended October 13, 1989)
(Amended Spring 1998)

ARTICLE I. NAME

This organization shall be known as the Arkansas Council of Teachers of Mathematics (ACTM), hereinafter referred to as the Council, a group affiliated with the National Council of Teachers of Mathematics (NCTM).

ARTICLE II. PURPOSE, FUNCTION, AND DISSOLUTION

Section 1. The purpose of the Council is:
1. To encourage an active interest in mathematics.
2. To improve teaching of mathematics.
3. Exclusively for educational purposes.

Section 2. The function of the Council is:
1. To assist Arkansas mathematics teachers in cooperating with and obtaining benefits from the NCTM, and other educational organizations.
2. To develop and execute plans to meet the needs of Arkansas teachers of mathematics and students through programs, workshops, research studies, bulletins, and newsletters.

Section 3. Dissolution clause.
If, at any time, the ACTM shall cease to carry out the purposes herein stated, all assets and property held by it, whether in trust or otherwise, shall, after the payment of its liabilities, be paid over to an organization, selected by the final Executive Board of the ACTM, which has similar purposes and has established its tax-exempt status under Section 501 (c) (3) of the Internal Revenue Code of 1954 as now enacted or as it may hereafter be amended, and such assets and property shall be applied exclusively for such charitable, scientific, and educational programs.

ARTICLE III. MEMBERSHIP

Section 1. All persons who are engaged in the teaching of mathematics in educational institutions, public or private, or who are interested in mathematics are eligible for active membership.

Section 2. ~~All college or university students interested in mathematics~~ **Pre-service teachers and retired teachers** are eligible for associate membership.

ARTICLE IV. OFFICERS

Section 1. Officers.
The officers of the Council shall be president, president-elect, vice-president/college, vice-president/two-year college, vice president /high school, vice-president/junior high/ middle school, vice-president/elementary, secretary, and treasurer.

Section 2. Executive Board.
The Executive Board shall consist of the officers of the Council, the immediate past president of the Council, the state representative to the NCTM, five members elected by the membership, delegate-at-large/college, delegate-at-large/two-year college, delegate-at-large high school, delegate-at-large/junior high/middle school, delegate-at-large/elementary, the state director of the ACTM High School Math Contest, ~~the~~ a mathematics consultant of the State Department of Education, the presidents of ACTM affiliated groups, ~~president of the Arkansas Leaders in Mathematics Education~~, chair of the Membership Committee (appointed by the president), ~~Executive Advisor (appointed by the president)~~, and a representative from the Arkansas School for ~~Math and Science~~ **Mathematics, Sciences, and the Arts, and other non-voting members as appointed by the president.**

Section 3. Term of office.
The president-elect shall be elected to serve a term of one year as president-elect ~~and~~ , two years as president **and one year as immediate Past-President**. The president shall not serve two consecutive terms. The other officers and elected members of the Executive Board shall be elected for a term of two years and shall be limited to two consecutive terms.

The following members of the Executive Board shall be elected in even-numbered years: vice-president/college, vice-president/two-year college, vice-president/junior high/middle school, treasurer, delegate-at-large/high school, delegate-at-large/elementary, state representative to the NCTM.

The following members of the Executive Board shall be elected in odd-numbered years: president-elect, vice-president/high school, vice-president/elementary, secretary, delegate-at-large/college, delegate-at-large/two year college, delegate-at-large/junior high/middle school.

Section 4. Nominations and elections.
The officers and other elected members of the Executive Board of the Council shall be elected by mail-in ballot provided to the membership in the spring ~~Newsletter~~. The Nominating Committee shall prepare a slate with at least two candidates for each position. The report of the Nominating Committee shall be presented to the Executive Board at its spring meeting. The Executive Board shall authorize a ballot to be ~~included in the spring Newsletter~~ **mailed to the full membership**. The ballot shall list nominated candidates and a space for a write-in candidate for each position to be elected. The Executive Board shall set a closing date for receiving the mail-in ballots. Within one month after that time, the Nominating Committee or a special committee as designated by the president shall meet to count the ballots and certify the election results. Election results shall be printed in the fall Newsletter. Those elected shall assume office ~~at the next annual meeting~~ **the following January 1st**.

Officers and other members of the Executive Board must be members of the NCTM and the ACTM.

Section 5. Duties:
The duties of the president are:

1. To preside at all meetings of the Council and the Executive Board.
2. To appoint chairs of all standing committees.
3. To appoint all necessary committees in addition to those provided in this Constitution.
4. To see that all accepted policies of the Council are carried out.
5. To make all necessary arrangements ~~with the Arkansas Education Association~~ for the annual meeting.

6. To make a report at the annual meeting.
7. To send a copy of the annual report to the executive secretary of the NCTM.
8. To serve as an ex-officio member of all committees.
9. **To develop a proposed annual budget.**

The duty of the vice-presidents is to serve in place of the president upon the president's request.

The duties of the secretary are:

1. To keep all records and minutes of all meetings of the Council and the Executive Board.
2. To attend to such Council correspondence as the president deems necessary.
3. To preserve the annual reports of the president and to keep the historical record of the Council up to date.

The duties of the treasurer are:

1. To collect all dues of the Council.
2. To pay by check all the routine bills approved by the budget and other bills as approved by the Executive Board or president.
3. ~~To keep an accurate record of all members, their addresses, and teaching positions, indicating those who are members of the NCTM.~~
4. ~~To file copies of the membership record annually with the president, the secretary, the chair of the Program Committee, the chair of the Publications Committee, the state representative to the NCTM, and the regional services committee representative of the NCTM.~~
3. To file a report of all receipts and disbursements with the secretary at every Executive Board meeting.

4. The treasurer shall be bonded.

The duties of the membership chair are:

1. **To keep an accurate record of all members, their addresses, and teaching positions, indicating those who are members of the NCTM.**
2. **To file copies of the membership record annually with the president, the secretary, the chair of the Program Committee, the chair of the Publications Committee, the state representative to the NCTM, and the regional services committee representative of the NCTM.**

The duties of the Executive Board are:

1. To act as a governing board of the organization.
2. To transact business in the name of the ACTM.
3. To initiate and determine policies of the Council.
4. To fill any vacancy occurring in an office.
5. To serve as a coordinating committee with the NCTM.

ARTICLE V. STANDING COMMITTEES

Section 1. Standing committees.
The standing committees of the Council shall be membership, program, ~~research,~~ publications, and nominating. The president shall appoint the chairs and other members of each committee with the approval of the Executive Board.

Section 2. Duties:

1. The duty of the Membership Committee shall be to present the advantages of the Council to all teachers of mathematics in the state and to enlist their support of the program of the Council.

2. The duty of the Program Committee shall be to plan the programs for the meetings of the Council and to work with ~~the mathematics consultant of~~ the State Department of Education in ~~planning workshops~~ **achieving professional development approval for programs and activities and to represent ACTM on the program committee of other ACTM sponsored conferences,**
3. ~~The duty of the Research Committee shall be to carry on investigations in the whole area of mathematics education and to prepare teaching materials in mathematics to assist to grow professionally.~~
4. The duty of the Publications Committee shall be to serve as editor of ACTM publications.
5. The duty of the Nominating Committee shall be to select and present a list of candidates for each elective office of the organization to the Executive Board at its spring meeting.

ARTICLE VI. MEETINGS

Section 1. The time and place of meetings.
The Council shall have one meeting in the fall. ~~The annual meeting shall be during the time of the convention of the Arkansas Education Association~~.

Section 2. Time and place of **conferences and** workshops.
The Council shall plan workshops **or conferences** when desired **statewide or regionally** ~~in the five areas- central, northeast, southeast, northwest, and southwest at a central location in the area~~.

Section 3 Time of meeting of the Executive Board.
The Executive Board shall meet prior to the ACTM annual meeting and at other times as the president deems necessary. The president shall call a meeting upon the request of four of its members.

Section 4. Notification of any meeting shall be given at least two weeks prior to the date of the meeting. The members present at any meeting of the Council shall constitute a quorum. A majority of the members present at any meeting of the Executive Board shall constitute a quorum.

ARTICLE VII. PUBLICATIONS

~~The Council shall publish~~ Fall, winter, and spring ~~newsletters~~ **publications will be provided** annually by **the Council**.

ARTICLE VIII. DELEGATE TO NATIONAL CONVENTION

~~At the annual meeting of the Council in even numbered years, a delegate shall be elected to~~ **The State Representative to NCTM or their designee shall serve at** the delegate assembly of the NCTM.

ARTICLE IX. AMENDMENTS AND REVISIONS

This Constitution may be amended or revised by a two-thirds vote of the ballots returned by mail. Notice of the proposed amendments or revisions along with a ballot shall be authorized by the Executive Board to be mailed to every member of the Council at least four weeks before the voting deadline set by the Executive Board. A committee appointed by the president shall certify the votes and the results shall be printed in the next newsletter.

Arkansas Math and Science Teachers Exceed Expectations Again

Aimee Evans

The Arkansas Council of Teachers of Mathematics hosted the fourth Teachers Teaching with Technology (T^3)™ Regional Conference February 15-17. It was co-hosted by the Arkansas School for Mathematics, Sciences and the Arts in Hot Springs. Once again, the invasion of over 500 teachers far exceeded the average attendance of other regional conferences of this nature, proving what a voracious group Arkansas teachers are! It is worth mentioning that participants also joined us from Louisiana, Mississippi, Tennessee and Missouri. National T^3 Instructors came from New Jersey, Texas, New York, Michigan, and Arkansas. Our local presenters can hold their own in any group, but these instructors add a new dimension to the conference (plus, some of them talk really fast and with neat accents) that makes a highlight for those who attend their sessions.

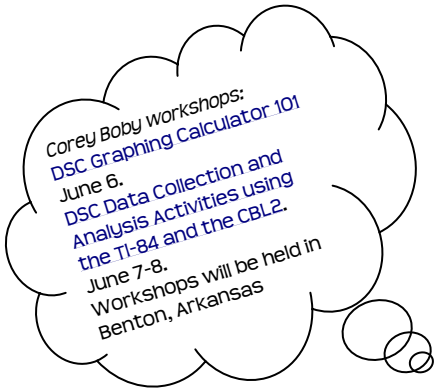
The conference began with an opening reception on Thursday evening, with a retrospective of "The Way We Were" in Arkansas Mathematics Education. The evening was led by Dr. Linda Griffith, an icon of the mathematics education community in Arkansas with co-host Dick Antonine, local radio personality. Several past ACTM presidents and ADE representatives shared their experiences with the group. Door prizes from Texas Instruments, various educational companies and local businesses were distributed.

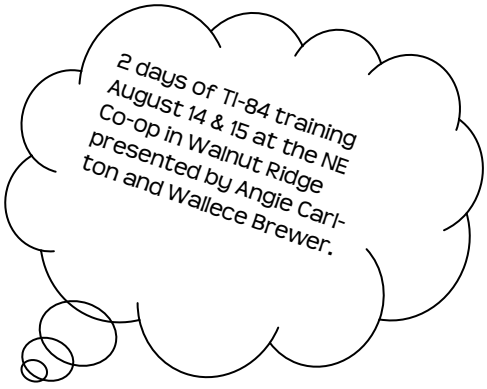
The conference sessions were held on Friday and Saturday morning. There were more than fifteen elementary-focused sessions held at the Arlington. About 100 elementary teachers enjoyed presentations by fellow teachers and mathematics and science specialists on the TI-10, TI-15 and TI-73 calculators, as well as science equipment. It is a blessing to be able to hold middle school and secondary sessions on the ASMSA campus. In these ready-to-use classrooms, teachers studied: red hots (middle school probability), turnips (biology lab), jump ropes (Algebra investigation), and candles (science and Algebra connection). More than 70 sessions were offered on the TI-73, TI-84, TI-89, Voyage 200, Smart View, TI-Interactive, Geometer's Sketchpad and TI-Navigator. Most sessions were very well attended.

As there will always be in "teaching with technology," there were some technology issues. A lot of equipment is needed to set up this conference. About fifty cases of technology arrived from Texas Instruments Workshop Loan program on Thursday morning (yes, the day of the reception). The team of ASMSA students and faculty set up every room, also utilizing LCD projectors and interactive boards at the school, in a matter of hours. They were on hand for trouble-shooting throughout the conference and handled situations quickly to allow the show to go on.

And, of course, the most exciting event of the conference for many participants was the Friday night evacuation of the Arlington hotel…at 2:00 in the morning. Folks stood outside in very cold temperatures, barefoot in some cases, for over an hour while fire crews dealt with a room fire. The real troopers were bright-eyed and bushy-tailed at the 8:30 a.m. Saturday sessions (wide awake from not being able to go back to sleep) in support of their colleagues giving presentations.

Plans are underway for February 2008. Hope to see you there…presenting a session!





TI-73 EXPLORER ™ NAVIGATOR™ SYSTEM FAST TRACK TRAINING

July 18 – 22, 2007 in DALLAS, TEXAS

The Middle School Fast-Track Program is designed to provide training for Middle Grades Math Teachers on implementing TI-Navigator™ System into their classroom so that they, in turn, may provide hands-on workshops for other teachers in their area on the use of The TI-Navigator™ System. The program requires three and a half days of training to occur July 18 - 22, 2007.

Participant Prerequisites

- ✓ must be a Middle Grades Teacher or Educator Service Center Consultant
- ✓ must be proficient with the use of the TI-73 Explorer™ Graphing Calculator

Proficiency is defined by:

- o regular and frequent coaching, teaching, or instructing with the TI-73 Explorer™ Graphing Calculator for a minimum of 2 years
- o fluency with most areas of the TI-73 Explorer™ Graphing Calculator including some use of APPS and Programs

- ✓ must have access to a class set of 32 TI-73 Explorer™ Graphing Calculators that are available for outside school hours training sessions
- ✓ must have access to a video projector for use with the TI-Navigator™ System in the classroom
- ✓ must have approval from administrator to attend training and host workshops

Must have and bring to training:

- ✓ A Laptop PC with
  - o Windows® XP Professional installed
  - o With administrator privileges to install software
  - o Available Ethernet port and USB port
- ✓ A TI-73 Explorer™ Graphing Calculator
- ✓ A TI Connectivity USB Cable
- ✓ A USB Flash Drive

Participant Expectations

In accepting participation in the Fast Track program, participants commit to:

- ✓ Delivering at least 5 hours of face-to-face training by January 31, 2008
- ✓ Reaching a minimum of 50 unique middle grades math or science teachers or administrators (as measured by completion of green demonstration cards)
- ✓ Scheduling their own hands-on TI-Navigator™ system workshops
- ✓ Delivering no more than 20 demonstration cards from the participant's school
- ✓ Hosting workshops that are a minimum of 45 minutes with no more than 32 participants at each workshop
- ✓ Delivering hands-on workshops of TI-73 Explorer™ calculator and the TI Navigator™ system.

Requirements for Earning a TI-Navigator™ system

Texas Instruments will transfer ownership of the loaned 32-student TI-Navigator™ 3.0 system (approximate value $4000) to:

A. The Fast Track participant's school
B. The Fast Track participant (W-9 required)

upon completion of the following criteria.

- ✓ Program will start July 22, 2007 and end January 31, 2008, all demo cards must be mailed to TI, postmarked no later than January 31, 2008.
- ✓ Participant presents to a minimum of 200 unique middle grades math or science teachers and/or administrators using the TI-73 Explorer™ and the TI-Navigator™ 3.0 systems. Each hands-on workshop must be a minimum of 45 minutes and no more than 32 participants per workshop/event.
- ✓ Create at least four activities and submit to Activities Exchange via education.ti.com/exchange by January 31, 2008.
- ✓ Submit at least 1 (one) article to "*Nav News.*", by January 1, 2008
- ✓ Demonstration cards are submitted as workshops occur to the TI program coordinator.

As an early completion bonus, if participants complete the above criteria by the earlier date of October 31, 2007, the following additional TI technology will be awarded to Fast Track participant or Fast Track participant's school:

- ✓ 10 Data Collection Devices (Approximate value $800)

To apply return a completed copy of the application to: Joy Sparrow, fax: 972-917-1053 with a cover page no later than **June 6, 2007**. Please complete all information requested on the application to prevent any delay in processing. Where not applicable please state so.

We look forward to receiving your application please feel free to contact me if you have any questions.

Joy Sparrow jsparrow@ti.com 972-917-2324 (Office) 972-917-1053 (Fax)

TI-73 EXPLORER ™ NAVIGATOR™ SYSTEM FAST TRACK TRAINING

July 18 – 22, 2007
DALLAS, TEXAS

SECTION I: PERSONAL INFORMATION

Name:	**Title/Position:**
School District:	**School:**
Address	
(City) **(State)** **(Zip Code)**	
Present Telephone:	**Email Address:**

Check all that apply:

Mathematics	TI-Technology Used	TI-73 Explorer™ Plus Apps Used
☐ 7th Grade Math	☐ TI-73 Explorer™	☐ Number Line
☐ 8th Grade Math	☐ TI-83 Family	☐ Geoboard
☐ Algebra I	☐ TI-84 Family	☐ Area Formulas
☐ Geometry	☐ TI-89	☐ Probability Simulation
☐ Algebra II	☐ TI-Navigator ™ System	☐ StudyCards™
☐ Other _____	☐ TI-Connect	☐ Math By Hand
	☐ TI-InterActive!™	☐ Topics in Algebra
	☐ TI-SmartView™	☐ Rational Numbers Rampage
	☐ Other _____	☐ Logic Ladder
		☐ Other _____

How long have you been using the TI-73 Explorer™?
Out of a typical 10 classroom periods, in how many do you use the TI-73 Explorer™ as an integral part of your lessons?
Describe an activity in which you have used the TI-73 Explorer™ to deepen students' understanding of a concept.

What obstacles have you faced while using the TI-73 Explorer™ either in your classroom or in a workshop?
What local opportunities will you have to present TI-Navigator™ system to 200 teachers and/or administrators in your area? What challenges (if any) will you have presenting TI-Navigator™ system demonstrations to 200 teachers and/ or administrators by January 31, 2008?

SECTION II: EDUCATIONAL AND PROFESSIONAL BACKGROUND

A. List any professional organizations that you are currently a member of.

Member Since (Date)	Organization

B. List any presentations engagements that you have had at any regional, state, or national conferences. Please include date, conference, title, TI Technology used (if applicable) and number of participants that attended.

SECTION III: TRAINING BACKGROUND

List any trainings or workshops that you have hosted where other educators or administrators have been the audience. Please include date, location, title, TI Technology used (if applicable) and number of participants that attended.

Date	Location	Workshop/Training Title	TI-Technology Used	Number of Participants

SECTION IV: PREREQUISITES

Y N	I have the backing and support of my administrators to attend this training, participate in program, and use equipment necessary for program participation.
Y N	I have access to video projector to use outside of school hours.
Y N	I have access to a class set of 32 TI-73 Explorer ™ graphing calculators to use outside of school hours.
Y N	I have access to Notebook Computer (PC) with access to install programs and use outside of school hours.

FOLLOW UP:

Are you available for a phone interview by a TI representative prior to June 15, 2007? What would be your preferred date and time?

SECTION V: REFERENCES
(It is strongly recommended that you select references that can comment on work experiences as an evaluator, supervisor, former principal, etc. Two professional references must be submitted before the application can be considered complete.)

Name and Position	Complete address or name of school/ district where reference may be contacted	Telephone Number (Including area code) and email address

My signature below certifies that all the information above is true to the best of my knowledge and that Texas Instruments Incorporated may contact my references for information about my education experience as it relates to the information stated within this application. I further acknowledge that by submitting this application I understand that I am not automatically accepted to participate in the Middle Grades Fast Track program offered by Texas Instruments Incorporated and that information contained in this application will be used to determine required qualifications for program participation.

Signature: _____ Date: _____

Secondary Math Specialists

Wallece Brewer
Northeast Ark. Rural Institute for Math & Sci.
Arkansas State University
P.O. Box 3891
State University, AR 72467-3891
FedEx: 114 Cooley, Jonesboro, AR 72401
Work Phone.....870-680-8015
Work Fax.....870-972-3559
Cell Phone.....870-897-5104
Email: .....wbrewer@astate.edu
cc: .....Ms. Jannie Trautwein
ntrautwe@cox.net

Ron Smith
Center for Math & Science Education
Harding University
Box 12254
Searcy, AR 72149-0001
Work Phone 501-279-4621
Work Fax 501-279-4051
Cell Phone 501-281-0959
Email: .....rgsmith@harding.edu
cc: .....Dr. Tony Finley
tfinley@harding.edu

Arkansas Department of Education
Math/Science Improvement & Instruction Support
Bill Nielsen, Pre-K–12 Prog. Support Mgr
#4 Capitol Mall, Room 110-B
Little Rock, AR 72201-1071
ADE Telephone: 501.682.4332
ADE Cell/Pager: 501.580.9689
ADE FAX:.....501.682.5136
Email: .....Bill.Nielsen@arkansas.gov
Southern Arkansas University Office:
SAU Box 9265, Magnolia, AR 71753
SAU Telephone: 870.235.5168
SAU FAX:.....870.235.4936

Cathy Jones
Center for Math/Science Education
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Fayetteville, AR 72701
Work Phone.....479-575-3875
Work Fax 479-575-5680
Cell Phone 479-209-0070
Email: .....cej001@uark.edu
cc: .....Ms. Lynne Hehr
lhehr@uark.edu

Javier Taylor
Math and Science Institute
Arkansas Tech University
113B Tomlinson
Russellville, AR 72801
Work Phone.....479-964-0543
Work Fax 479-964-0542
Email: .....Javier.Taylor@atu.edu
cc: .....Mr. Steve Zimmer
steve.zimmer@atu.edu

Stanley Paul, Pre-K/12 Math. Specialist
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Little Rock, AR 72201-1071
ADE Telephone: 501.682.4332
ADE Cell/Pager:.....501.580.9711
ADE FAX:.....501.682.5136
Email: ..... Stanley.Paul@arkansas.gov
Arkansas River Education Co-op Office:
912 West Sixth Ave., Pine Bluff, AR 71601
ARESC Telephone: 870.534.6129
ARESC FAX:.....870.534.2847

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Center for Math and Science
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PO Box 3608, Monticello, AR 71656
Work Phone 870-460-1473
Cell Ph 870-723-4915
Work Fax 870-460-1563
Email: .....duncand@uamont.edu
deanna_duncan@yahoo.com
cc: .....Dr. Peggy Doss
dossp@uamont.edu

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Work Fax 870-575-8762
Email: .....ester_c@uapb.edu
cc: .....Dr. Shelton Fitzpatrick
fitzpatric_p@uapb.edu

Judy Trowell
Mathematics Specialists Training Coord.
Arkansas Department of Higher Education
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ADE Email:.... Judy.Trowell@arkansas.gov
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Work Fax 870-972-3559
Email: ..... kbusby@astate.edu
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T³ • Teachers Teaching with Technology™
Professional Development Services from Texas Instruments

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Becky Sutton, West Memphis
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Dona Brady, Fayetteville
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FREE Technology Training at AETN

Hurry and Sign-up for AETN's Arkansas Technology Institute; Two Session June 3-8 or July 15-20.

The Arkansas Technology Institute (ATI) is a 5-day intensive training institute structured to allow participants to merge the use of technology into ongoing curriculum applications. Workshops explore the use of various technologies and options for use in the classroom. Sessions include Multimedia Presentation Techniques, Web Design and Development Basic, Video Production Technology and Distance Learning Basics.

Working in teams, participants complete a hands-on project that puts theory into practice. Teams design and develop technology-enhanced lesson plans that will be reviewed and posted at this institute's Web site. Graduates are certified as an institute trainers. No technology experience needed.

Receive 30 hours of professional development and grad credit. Click on http://www.ideas.aetn.org/workshops/ati to see more details and register online!!!

If you have questions, please contact Karen Walker at kwalker@aetn.org.

Summer Training: Transition to College Mathematics (TCM)

Arkansas Center for Mathematics and Science Education
University of Central Arkansas
July 16-20, 2007 v 8:00 a.m. Monday to 12:00 noon Friday
Registration 7:30 – 8:00 a.m. Monday, July 16

Registration Form: (A separate registration form is required for each person. Please duplicate as needed.)
Please Print or type all information.

First Name: _____ Last Name: _____

SSN # _____ [ ] MALE [ ] FEMALE

Home Address: _____

City, State, Zip: _____ Home Phone: ( ) _____

School District: _____

School Name: _____ School Phone: ( ) _____

School Address: _____

School City, State, Zip: _____

Email Address: _____ Fax ( ) _____

Registration is limited. Early registration is encouraged.
All days of training are required to receive ADE-approved TCM certificate.
Registration Fee: $200.00 without on campus housing, breakfast and dinner
$330.00 with on campus housing and all meals

Lunch will be provided Monday -Thursday

(There will be a $25.00 non-refundable fee deducted from refunds for cancellations after July 1, 2007.)

Registration Deadline: July 1, 2007

Enclosed is my check #_____ or Purchase Order #_____for $_____
Checks or purchase orders should be made payable to: ACMSE,

Workshop Location: University of Central Arkansas is located off Highway 60 on Donaghey Avenue. From Interstate 40, take the Hwy 60 exit (129). Turn left onto Hwy 60. Travel 2 ¼ miles and turn right onto Donaghey Ave. The university is on the left. Registration will be in McAlister Hall from 7:30 a.m. -8:00 a.m.

If you are staying on campus, PLEASE CHECK ALL THAT APPLY.
Roommate preference _____

UCA housing needed for: Sun. ___ Mon. ___ Tue. ___ Wed. ___ Thur. ___

Meals: [ ] Mon. Breakfast [ ] Mon. Dinner [ ] Tue. Breakfast [ ] Tue. Dinner
[ ] Wed. Breakfast [ ] Wed. Dinner [ ] Thur. Breakfast [ ] Thur Dinner
[ ] Fri. Breakfast

Send completed registration form with check or purchase order to:
Belinda Robertson, Teacher Outreach Facilitator
Arkansas Center for Mathematics and Science Education
201 Donaghey Avenue, Main 212
Conway, AR 72035
Phone: (501) 450-3426, Fax (501) 450-5009
Email: belindar@.uca.edu

ACTM Teachers of the Year Awards

Wanted: the names of Arkansas outstanding mathematics teachers. The ACTM Board has decided to revise how the outstanding mathematics teachers are chosen each year. Read on to find out the new guidelines and take a minute to nominate an outstanding mathematics teacher.

The Arkansas Council of Teachers of Mathematics is pleased to offer teaching awards for active members of the organization. These awards have been established to recognize excellent mathematics teachers for outstanding qualities in areas of teaching and leadership.

Who can nominate an outstanding mathematics teacher?

Anyone can nominate a teacher for the awards…a student, a parent, another teacher, a principal, a supervisor or a member of the community. An individual may nominate only one person at each level for the award. Teachers may not nominate themselves. Teachers will not be asked to complete a packet. The selection process will be determined by asking the nominator about the teacher. Teachers selected for this award will be notified by October 20, 2007 and will be guests at the ACTM Luncheon at the Arkansas Curriculum Conference in Little Rock , November 1, 2007.

Categories of the Outstanding Mathematics Teacher Awards are:

Primary - 4
5-8 grades
9-12 grades
2 year/4 year college

Awards and Recognition

- Plaque
- An unrestricted award of $400
- Guest of ACTM at the ACTM Luncheon

A panel of judges will contact the nominator and select the award recipients.

Nominees must be current members of ACTM who:

- Have daily contact with students and inspire them to learn and achieve.
- Understand the individual needs of students, encourage their talents and help build confidence and self-esteem.
- Demonstrate a thorough knowledge of mathematics and the ability to share it effectively with the students.
- Use the appropriate technology to instruct their students to help prepare them for the twenty - first century.
- Have participated in making positive contributions to the mathematics community.
- Have demonstrated participation and leadership in professional development activities and fostered cooperative relationships with colleagues.

ACTM OUTSTANDING MATHEMATICS TEACHER NOMINATION FORM

To nominate an outstanding mathematics teacher, please email the following information to: Susan Creekmore susiecreekmore@comcast.net or mail to Susan Creekmore, 308 River Wind, Marion, Arkansas 72364.

1. Nominee

Nominee Name (First, MI, Last): _____

Nominee Home Address:_____

City: _____State _____ Zip Code:_____

Nominee Home Phone: _____

Nominee Email address: _____

School:_____

School Address: _____

School Phone: _____Grade/Subject Taught: _____

Total number of years in the teaching profession:_____

2. Person nominating:

Name (First, MI, Last):_____

Address: _____

School Phone: _____Home or Cell Phone:_____

Relationship to Nominee: ☐ Parent ☐ Student ☐ Peer ☐ Principal ☐ Superintendent ☐ Supervisor ☐ Other (describe)

- **Give a convenient time that you can be contacted about this person. Contacts will be made the first two weeks in October.**
- **We would like this nomination to be kept confidential until the winners are contacted.**
- **Please tell in 100 words or less why you are nominating this person. Be specific.**

Selection Timeline

- News article appears in spring ACTM newsletter.
- Nomination Deadline: ..... September 30, 2007 (email or letter much be received by 5:00 p.m.)
- Contact nominating person: ..... October 1- October 15.
- Committee will meet and make decisions by October 20, 2007.
- Winners will be contacted by October 25 and be invited to the ACTM Luncheon during the Arkansas Curriculum Conference on November 1, 2007 in Little Rock.

ACTM Scholarship Application Form
Mathematics Workshop/Mathematics Institute/Math Graduate Course
January 1, 2007–December 31, 2007

Name:_____

School_____

Address_____

School Phone _____ Home Phone _____

E-mail_____

Are you a member of ACTM? Yes No
Membership status will be verified—you can join with this application—go to web site www.actm.net

Mathematics Educator
Current Supervisor's Name_____
Principal's E-mail _____
School _____
Subjects/Grade Level _____

Pre-service Teachers
University _____
Classification (Freshman, etc)_____
Advisor's Name _____

GUIDELINES

- The maximum scholarship award is **$500 for current teachers** and **$250 for pre-service teachers**.
- Must be a current member of ACTM.
- If you are taking a workshop or class, it must be a math class.
- You must provide documentation that this course/workshop/conference impacts the mathematics of the student.
- Top priority will be given to those persons who have not been previously funded.

Complete the entire application form and return to:

Susan Creekmore, ... 308 River Wind Drive, ... Marion, AR 72364

All applications must be postmarked by the appropriate deadline!

Applicants will be notified by the ACTM Grant Committee . Additional instructions will be provided to the recipients.

On a separate sheet of paper answer the following questions:

1. How does this class/workshop impact the teaching of mathematics or the student learning of mathematics?
2. What area of study do you wish to pursue and how will this study impact your mathematics teaching?
3. Where will you attend this training or course?
4. What is your ultimate goal upon completing the workshop/mathematics course/conference?
5. A proposed budget including the cost of the workshop, mathematics course or conference.

For guidance in writing the scholarship/grants application, please feel free to contact any ACTM Board member.

A follow-up report of the workshop/mathematics course/conference should be submitted within 3 months after completion to Susan Creekmore, 308 River Wind Drive, Marion, AR 7236 4

I submit this scholarship to ACTM for consideration. I understand that this is a competitive scholarship application process.

_____ _____
Signature Date

Funds Are Limited!
Only quality applications will be considered

Scholarship and Grant Application Deadlines
April 30, August 31, December 31

ACTM Grant Application Form
In Class Project/Materials/Technology
January 1, 2007-December 31, 2007

Name: _____

School _____

Address _____

School Phone _____ Home Phone _____

E-mail _____

Are you a member of ACTM? Yes No
Membership status will be verified—you can join with this application—go to web site www.actm.net

Principal's Name _____
Principal's E-mail _____
School District _____
Subjects/Grade Level _____

GUIDELINES
The maximum grant award is **$250**.
Must be a current member of ACTM.
The project must focus on mathematics learning.
Top priority will be given to those persons who have not been previously funded.

Complete the entire application form and return to:
Susan Creekmore, ... 308 River Wind Drive, ... Marion, AR 72364

Applicants will be notified by the ACTM Grant Committee. Additional instructions will be provided to the recipients.

On a separate sheet of paper give the following information:
Name of the project
Complete description of the project
A proposed budget including item description, quantity, price and total

I submit this grant to ACTM for consideration. I understand that this is a competitive grant application process. I give permission for ACTM to list my project idea in the state newsletter.

_____ _____
Signature Date

Scholarship and Grant Application Deadlines
April 30, August 31, December 31

Arkansas Mathematics and Science Summer Professional Development Institute

July 25-27, 2007

Complete and return with a check or purchase order payable and addressed to:
Arkansas Center for Mathematics and Science Education 201 Donaghey Ave. Main 212 Conway, AR 72035
or fax to (501) 450-5009

Mr/Mrs/Ms_____ [ ] Male [ ] Female

Home Address_____ City_____ State_____ ZIP_____

School _____ Email _____

School Address _____City_____ State_____ ZIP_____

Home Phone __(____)_____ School Phone __(____)_____P.O. # _____

Please check only ONE of the Mini-Courses below:

(✓) one	*Grade*	*Mini-Course Session Description*
	K-2	Integrating Technology, Mathematics and Science Instruction in the K-2 Classroom
	3-5	Integrating Technology, Mathematics and Science Instruction in the 3-5 Classroom
	6-8	Integrating Technology and Mathematics in the 6-8 Classroom
	6-8	Integrating Technology and Science in the 6-8 Classroom
	9-12	Integrating Technology in the Algebra Classroom
	9-12	Integrating Technology in the Geometry Classroom
	9-12	Integrating Technology in the Life Science Classroom
	9-12	Integrating Technology in the Physical Science/ Physics Classroom

Resident Hall Housing	
(✓) **all** *that apply*	
	Wednesday
	Thursday
	Housing Not Required
Roommate Preference	

Subject Area (✓) **all** *that apply*	
	Mathematics
	Science
Level (✓) **all** that apply	
	Elementary
	Middle
	Secondary
Primary Responsibility	

Meals	
(✓) all *that apply*	
	Wednesday Banquet
	Thursday Breakfast
	Thursday Luncheon
	Thursday Dinner
	Friday Breakfast

Please mark one:
(Required for grant data)

( ) White, Non-Hispanic
( ) Black, Non-Hispanic
( ) Hispanic
( ) Asian/Pacific Islander
( ) American Indian/Native American
( ) Other/Not Indicated

Have you previously attended the Arkansas Mathematics and Science Summer Professional Development Institute?
(Circle One)
YES or **NO**

Registration deadline is June 1, 2007.

Registration is limited to 400. Full refunds will be made to participants that cancel before June 1, 2006. **There will be no on-site registration.** No refunds will be issued after June 1, 2006. Registration may be transferred to another participant.

The goal for the Arkansas Mathematics and Science Summer Professional Development Institute is to engage participants in 20 hours of content specific professional development supporting the implementation of mathematics and science standards-based curricula .Participants in the conference will be provided with residence hall housing (two persons per suite) and meals on campus if needed. Participants will need to bring their own linens, pillows, sheets, towels, trash receptacle, etc.

Location: Brewer-Hegeman Conference Center
Main Hall, Student Center
Mathematics Computer Science Building
University of Central Arkansas Conway, Arkansas
Cost: $70.00 Registration Fee
Registration Deadline: June 1, 2006

Sponsoring Agencies:
Arkansas Department of Education
Arkansas Network of Math/Science Centers
Arkansas Council of Teacher in Mathematics
Arkansas Science Teachers Association
No Child Left Behind Title IIA Program Provides 70% of total

2007 ACTM State Contest Results

Algebra I

1st	Michael Wright	Rivercrest
2nd	Maria Sudibjo	Mt. St. Mary's
3rd	Pete Chollapan	Fayetteville

Geometry

1st	Carvey Long	Cabot JHS
2nd	Blake Mansell	Chaffin JH - Fort Smith
3rd	Jesus Martinez	CAC

Algebra II

1st	Eric Zheng	Pulaski Academy
2nd	Lindsey Hoggatt	Cabot
3rd	Angela Wang	Woodland JHS Fayetteville

Pre-Calculus/Trigonometry

1st	Karan Batra	Bentonville
2nd	April Wang	Fayetteville High School
3rd	Jordan Tate	Nashville

Calculus

1st	Naran Bayanbat	ASMSA
2nd	Preston Scrape	Jonesboro
2nd	Jay Mettia	South Side High School Ft. Smith

ARKANSAS Council of Teachers of Mathematics

ACTM Newsletter
Published by the
Arkansas **C**ouncil of **T**eachers of **M**athematics
308 River Wind Drive Marion, AR 72364

The mission of the **A**rkansas **C**ouncil of **T**eachers of **M**athematics is to provide vision and leadership in improving the teaching and learning of mathematics so that every student is ensured of an equitable Standards-based mathematics education and every teacher of mathematics is ensured the opportunity to grow professionally.

Editor
Susan Creekmore
susiecreekmore@comcast.net

Layout and Design
Janice Cook

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ACTM MEMBERSHIP

2007-2008

$15 per school year ~ Pre-Service Teachers $7.50

First Name: _____ Last Name: _____

Home Address: _____ Phone: ( ) _____

City: _____ State:_____ Zip: _____

E-Mail: _____ NCTM Member? Yes No

School Name: _____

School Address: _____ Phone: ( ) _____

City: _____ State:_____ Zip: _____

Teaching Level: Elem: ☐ Middle: ☐ Jr. High: ☐ High: ☐ 2-Yr. College: ☐ College: ☐

Position: Teacher: ☐ Chair: ☐ Supervisor: ☐ Other: ☐
Dept. of Ed. Specialist ☐ Elem: ☐ Secondary: ☐

Mail To: Retha Gipson 2654 Highway 349 Jonesboro, Arkansas 72404

Summer Training: GROWING WITH MATHEMATICS

Batesville School District - West Magnet

June 7-8, 2007 8:30a.m. to 3:30p.m. Daily

Registration Form: A separate registration form is required for each person. Please duplicate as needed and fax completed forms to Tracey Cook at 870-368-4920.

Name:_____

Home Address:_____

City, _____ State, _____ Zip: _____

Home Phone: _____

School: _____

School Address: _____

Personal Email Address: _____

Circle Grade Level: K 1st 2nd 3rd 4th 5th

Registration Fee: $100 for the 2 Day Training

Registration Deadline: May 21, 2007

Cancellations must be made by June 1, 2007 or a $50.00 non refundable fee will be deducted from the fee.

Enclosed is my Check #_____for $_____

Enclosed is my P.O. #_____

Please make check payable to NAESC - GWM and remit to Tracey Cook, NAESC, P.O. Box 739, Melbourne, AR 72556. If you have questions, please call 870-368-7955 or email traceyc@naesc.ncsc.k12.ar.us.

_____ I am currently a Growing with Mathematics user.

_____ I will be using Graowing with Mathematics next school year.

_____ I am not currently using Growing with Mathematics in by class but am attending out of interest in the program

Early Registration is encouraged.

Growing with Mathematics users will need to bring their Teacher's Resource File Box with them.