

September 2009



NEWSLETTER

Kentucky Council of Teachers of Mathematics

Message from the President

What I did on my summer vacation..... By Bethany Noblitt

I had a great summer. One thing that made my summer vacation so enjoyable was attending the National Council of Teachers of Mathematics Affiliate Leaders Conference in New Orleans, Louisiana. At this conference, NCTM Affiliate leaders learned about services that NCTM can offer its affiliates to help strengthen the Affiliate. As part of the discussions at this conference, I learned what a strong affiliate KCTM already is. We have a well-attended conference every year that has online registration and online payment. We have wonderful members who provide the annual conference with a full and exciting program each year. We have an attractive, online newsletter. We offer member benefits such as the Teacher Support Grants that support teachers in their classroom endeavors with funds to purchase classroom supplies. While we are a strong organization, I want us to become even stronger. At the Affiliate Leaders Conference, I heard some wonderful ideas from some other affiliates across the United States that I hope we can implement in KCTM. I hope to share some of these ideas with you soon.

The Affiliate Leaders Conference inspired me to brainstorm ways to improve KCTM. The reason KCTM exists is to serve Kentucky teachers. So, who better to ask how KCTM can improve than the very teachers we serve? I am calling on you to please brainstorm about things KCTM could do better, ways we could serve you better. What would you like to see KCTM do that would benefit you? Remember, we want to serve you, so don't be shy. Let us know what we can do to better serve you. I

(Continued on page 2)

Inside this issue:

NCTM Affiliate Leaders Conference, NCTM Press Release	2-3
KCTM 2009 Annual Conference Update, Kari Ostby	3
NCTM Update, Kari Ostby	4-5
KCTM Executive Board Meeting, Susan Collins	6-8
Kentucky Department of Education, Robin Hill	8-9
Kentucky Mathematics Educators – Items of Interest, Valerie Amburgey	
Discussion Groups/Forums	9
Publications and/or Website of Interest	9-10
Conferences and Workshops	10-12
Opportunities	12
University of Kentucky High School Mathematics Day, Russell Brown	13
Kentucky Center for Mathematics	14

Message from the President, *contd.*

(Continued from page 1)

would love to hear from you. Email me anytime at noblittb@nku.edu.

Summer vacation is over....

The KCTM Annual Conference is upon us. Thanks in advance to all the speakers for making this year's program an exciting one. Also, thanks to all of you who have registered. We are looking forward to a great conference again this year. See you on October 10 in Paris!

I hope your 2009-2010 school year has gotten off to a wonderful start. I remember as a child, I always loved the beginning of school - new notebooks, pencils, backpacks, etc. I still love getting new school supplies. And, as a child, I always looked forward to getting back to math class and learning all the new mathematics my brain could handle. I still look forward to getting back to math class. I hope you do too.

Sincerely,

Bethany Noblitt
KCTM President

NCTM Affiliate Leaders Conference

Bethany Noblitt, Fort Thomas, Kentucky, joined other mathematics educators from across the United States at the National Council of Teachers of Mathematics (NCTM) Affiliate Leaders Conference in New Orleans, July 24 - 26. The conference, with the theme "Growing Your Organization," included a variety of leadership-enhancing professional activities for mathematics educators and, in particular, for NCTM Affiliate leaders. The professional activities promote a commitment to improving mathematics education for all students. NCTM Affiliates are state, local, student, and at-large mathematics councils.

The conference was designed to strengthen Affiliates in the areas of partnership and membership as well as leadership by providing participants opportunities to identify their leadership strengths, network and exchange ideas, develop Affiliate action plans, and share strategies. Facilitated by members of the Council's Affiliate Services Committee (ASC), the conference offered a rich exchange of ideas and expertise for strengthening Affiliates and for making Affiliate leaders more effective in their roles. Throughout the conference, participants had opportunities to connect with Council leadership, including NCTM President Henry (Hank) Kepner.

"The increasing importance of mathematics for all students at every level of schooling means that more than ever teachers look to NCTM and its Affiliates for guidance, support, and resources to meet these challenges. The Council and Affiliate leaders are partners in preparing the next generation of teacher leaders to organize

(Continued on page 3)



Bethany Noblitt with Hank Kepner, President of National Council of Teachers of Mathematics

NCTM Affiliate Leaders Conference, contd.

professional development activities, become master teachers, support entering teachers, and lead the profession,” said Kepner.

Affiliate leaders conferences offer a forum for the Council's Affiliates to examine and strengthen their roles in providing opportunities for emerging, new, and seasoned teachers to grow professionally through the partnership of NCTM and its Affiliates.

KCTM 2009 Annual Conference Update

The 2009 KCTM Annual Conference will be held October 10, 2009 at Bourbon County High School in Paris, Kentucky. The deadline for Early-Bird Registration is September 11. So if you have not registered yet, hurry!

With 109 speakers and still nearly 2 more weeks before the final speaker proposal deadline, we are looking forward to many exciting sessions in which teachers can share their expertise with each other. Look for the conference program with details about the sessions being offered will be posted on www.kctm.org sometime in mid September.

To give you a little taste of what is being planned in Paris, our featured speaker is Jon Wray. He comes to us highly recommended and his enthusiasm about technology and the future of education is contagious! Take a look at his website at <http://jonathanwray.com/>

Other session topics include: at least 2 sessions on the TI-Nspire, 6 sessions from the CPM textbook trainers, Fibonacci Number Tricks, several sessions about fractions and models of, self-portraits using conics, KET's Scale City online resource, many games/manipulative sessions, a NASCAR session, NASA sessions, computer and technology sessions of all kinds, a Family Math Night showcase from over 20 teachers sharing their experiences with a FMN, KDE updates, Smartboard sessions and MANY MANY other sessions!

It is not too late. Go on the site TODAY and register. After the conference, please take time to complete the evaluation that will come into your inbox.

THANK YOU for all you do each and every day and hope to see you in October.

Kari Ostby

NCTM Update

What is in it for you to be a member of NCTM?

There are a lot of old, AND even more new, resources that are being improved for its members continuously.

- Free access to lessons, student activities, resources, and teaching tips in one location and by grade band,
- Free access to your NCTM journal online; plus downloads of other journal content and publications,
- Free subscription to ON-Math, NCTM`s members-only online journal,
- Member-only discounts of 20% off the list price on all NCTM educational materials and products,
- Discounts of up to 35% off NCTM`s conferences and events,
- Exclusive member-only access to the NCTM Principles & Standards for School Mathematics,
- Plus special insurance and credit card programs just for NCTM members!

Have you heard of NCTM's eworkshops?

There are 32 eworkshops and 800 sites are connected to them. And related to this is elearning. There are 6 continents, 50 states, and 20 countries connected to this. Are you ready to find out what you are missing???

You and your colleagues will gain a wealth of knowledge, learn the latest teaching strategies, and receive activities to use in the classroom, all without having you leave your school! These two-part E-Workshops include 3 hours of standards-based content that you can apply immediately in your classroom- all for one site fee. Upcoming topics for the Fall of 2009 include:

- Implementing the Algebra Standard
- Geometric Thinking
- Reasoning with Data and Probability
- Problem Solving
- Numbers and Operations-
- Teaching with Curriculum Focal Points
- Math Games
- Focus in High School Mathematics: Reasoning and Sense Making
- Exploring Mathematics through Literature

Workshops will be provided for grades bands PK-2, 3-5, 6-8, and 9-12. A schedule of E-Workshops will be available at www.nctm.org/eworkshops. Just \$149.00 per workshop for one site connection- include your entire teaching staff for one low rate- rate may increase.

REMINDER--NCTM Affiliate Rebate Program

Any individual who joins or renews membership ONLINE will be given the option to select an Affiliate to receive the rebate. Rebates are not offered for members who join via any other method!!! KCTM would love it if you think of your affiliate. It is easy. Just do the drop down to select KCTM. We get \$3 for all renewals and \$5 for all new memberships to NCTM. With nearly 600 members, if all KCTM

(Continued on page 5)

(Continued from page 4)

members renewed with NCTM this year, we would receive \$1800 in rebates!!!

Illuminations- Activities and Lessons

This is a great resource for all classroom teachers. Check this out. There are TONS of activities and lessons online for any level and any class. www.illuminations.nctm.org

NCTM Annual Conference in Washington D.C. 2009

The Delegate Assembly

At the annual delegate assembly, the delegates recommended to the NCTM Board of Directors that there be established new reduced-rate one-day registration categories for the Annual Meeting and Exposition and regional conferences for student members and student non-members.

This now goes to the Board for discussion.

Several delegates voiced concern about pre-service and new teachers and are hoping this could excite new teachers to get involved with NCTM and their local affiliates. Please do your part at your schools to encourage more participation from this group of teachers. They need to learn about being the upcoming leaders in the field of education.

What is NCTM working on currently?

Curriculum Focal Points PreK-8- there have been more than 1 million downloads so far. This is more than any one publication ever in the past! The council is working with states trying to see how this document could be used in each state. PreK-2 is coming out in the summer of 2009. Focus of High School Mathematics Reasoning & Sense Making will be available in the Fall of 2009. There will be topic books for algebra, geometry, and data analysis/ probability.

NCTM is working with President Obama's Transition Team, congress, and others in Washington, trying to shape mathematics education and assessment of for the future. Title I- NCTM says mathematics education needs to have a part of this funding. So they are also working on this issue.

What is emerging?

Early childhood mathematics education, ELL, Special Education, and Gifted Education are all emerging. Keep an eye open for the latest developments.

What Algebra and When, the board is working on also currently.

These are just some of the things NCTM is doing currently to help improve mathematics education in the United States. Check out the website for more information and more details on the above mentioned topics. www.nctm.org

Kari Ostby

KCTM Executive Board Meeting Minutes

May 30, 2009 (10:00am)
Gheens Academy, Room 202

Beth Noblitt	Susan Collins	Barb Jacobs	Jamie-Marie Wilder
Maggie McGatha	Kari Ostby	Mike Waters	Martha Ferguson
Emily Butler	Laura Plante	Valeria Amburgey	Amy Herman
Gloria Beswick			

1. Approval of February 2009 meeting minutes

The “pre-service” teacher registration, non-member, early bird price listed on the minutes was \$40. The actual price is \$35. Barb made a motion to accept the minutes as changed. Maggie seconded the motion. The motion passed.

2. Changes to Agenda

No changes were made to the agenda.

3. 2009 Conference Report – Kari Ostby

8 speakers have been approved to date (approx. 100 sessions are usually offered.) As a speaker is approved, Kari is sending them an acceptance e-mail. (a copy of the e-mail was presented to the board for approval) Barb sent an e-mail to Paula Thacker and Sally Walker reminding them of their commitment to present a session at the conference, as a recipient of the KCTM Math Grant. The custodian price of \$22.81 per hour has been quoted by Bourbon County. The tech person/price has not been determined yet.

John Wray has been contacted about being our featured speaker and is holding the date. Maggie made a motion for KCTM to offer him \$500 plus travel. Mike seconded the motion. Motion passed. Kari has held numerous conversations with Bourbon County about possibly picking up part of his expenses. No decision, however, has been made at this time. The topic of the featured session will be “Emerging Technology in Education.” with a follow-up session being offered on a topic of his choice.

- Bourbon County has approx. 20 tables for vendors, but the rest will need to be rented (approx. 50 tables were needed last year.) An on-site person will need to secure at least 2 separate quotes for the rental of the additional 30 tables. KCTM normally pays for the rental. (\$350 has currently been budgeted)
- Reminder - KCTM board members need to register for the conference as a manual payment. The conference registration will be picked up by KCTM, but you will still need to send a check to Barb if you plan to attend the Awards Dinner.
- No Laptops or LCD projectors will be available in the classrooms. Presenters will need to bring their own laptop and LCD device. Kari will double-check on the availability of overhead projectors.
- 2 possible schedules were passed out and discussed. Schedule 1 had fewer minutes and lunch for everyone was at the same time. Schedule 2 offers additional sessions during the lunch block which will allow for the different levels to eat at different times and will add additional minutes to the conference. Valeria made a motion to accept schedule 2. Barb seconded the motion. Motion passed.

(Continued on page 7)

KCTM Executive Board Meeting Minutes, contd.

(Continued from page 6)

- Kari shared with the board a copy of her NCTM report, which she will be submitting to the next newsletter.

4. President's Report – Beth Noblitt

- Beth announced that she will be taking Jim Austin's place on the NCTM Affiliate Services Committee, Central 1 region.
- Officer elections for next fall will be in the area of: Treasurer, VP Elementary, and VP College. Please consider nominating a colleague. A call for nominations will be coming out this week by e-mail. Deadline for nominations will be Friday, Aug 14.
- KCM is interested in possibly co-sponsoring a KCTM conference in the future. The idea was discussed and the board was very receptive to the idea.
- Possible advantages of the Kentucky Mathematics Educators' website were discussed. It was proposed that a session be added to the next conference to introduce our KCTM members to their VP's and discuss "what KCTM can do for you." Each of the VP's will need to submit an official proposal for their session on-line. Beth will be contacting the VP's that were not present at the meeting.
- Mike is willing to research the idea of letting the affiliates join our website and share our benefits. The board was very receptive to this idea and the idea of adding a conference session for affiliates was discussed. Mike will share his research at the next meeting.

5. Treasurer's Report – Barbara Jacobs

Barb submitted a KCTM 2009 budget and treasurer's report for the board to review.

May, 2009 – Checking Acct.
Beginning Balance: \$5247.43
Total Income \$776.53
Total Expenditures \$3629.88
Ending Balance \$2394.08
May, 2009 – Savings Acct.
Ending balance \$27,390.48

The larger expenses were Woodford County HS (grant recipient) \$500 K. Ostby NCTM conference expenses \$1000, and Bonasource (website) \$1080.00.

6. Newsletter Report – Martha Ferguson

Martha had several advertisements submitted to the last newsletter. It was discussed and the board agreed that no advertisements will be published in the newsletter.

7. KDE Report – Robin Hill

KDE is working with the CCSSO (Council of Chief State School Officers) and the NGA (National Governors Association) on the new Mathematics and English/language arts standards. The groups at the table working on the standards are Achieve, College Board, ACT, and NCTM. All states were invited to join this work and 44 states have signed the MOA. The MOA did not bind a state to adopt

(Continued on page 8)

KCTM Executive Board Meeting Minutes, contd.

these standards but just to work on them. After the standards are developed, the states have 3 years to decide whether they will or will not adopt them. (the International standards are being looked as they create our new standards) The draft of the college and career readiness standards will be shared with the states to review by late June or mid-July. We will then have a state review of the standards and the adoption MOA says that 100% of the standards must be adopted. The targeted timeline, set by the legislature, states that KY will review elementary, middle and high school mathematics common core standards by Fall of 2009.

Fourteen applications are currently being reviewed for the Presidential Award this year.

8. KCTM Math Grants – Barb Jacobs and Amy Herman

No grant nominations have been received to date. The deadline is July 1. An e-mail reminder will be sent through the website.

9. Products – Emily Butler

A detailed handout was presented to the board for approval. Assorted t-shirt, polo shirt, and sweatshirt designs were approved. Emily will be placing an order for approx. \$2000 worth of new products and storing them at her house until the conference.

Susan made a motion for the meeting to be adjourned. Kari seconded the motion. Motion passed.

Our next meeting is scheduled for August 15, 2009.

Susan Collins

Kentucky Department of Education:

Information:

2008 Presidential Award for Excellence in Mathematics and Science Teaching is Kris Jarboe, Elkhorn Elementary, Franklin County Public Schools. Kris along with the 2009 finalists will be recognized at the KCTM awards banquet on October 9th, 2009. Visit www.kctm.org for banquet information.

KCCT data – public-released September 23rd – visit www.education.ky.gov.

National Assessment of Educational Progress (NAEP) scores to be released in October

ACT scores were released to districts/schools - for released information visit www.education.ky.gov, search *ACT*.

PLAN and EXPLORE scores will be available to students with school and district reports in late November. State report will not be available until January 2010.

Mathematics Common Core Standards for College and Career Readiness to be released for public review mid-September. Visit www.ccsso.org or www.achieve.org for further information.

Kentucky continues to participate in Achieve's American Diploma Project (ADP) Algebra I and Algebra II end of course exams with a limited amount of students testing (pilot stage). Visit www.achieve.org for further information.

(Continued on page 9)

Kentucky Department of Education, contd.

(Continued from page 8)

Kentucky Teacher magazine is featuring characteristics of high quality teaching and learning throughout this year. District/school staff is encouraged to use the information and resources to build PLCs around each component. Further information can be found at www.education.ky.gov search *high quality*

[KDE Elementary link \(primary\)](#)

<http://www.education.ky.gov/KDE/Instructional+Resources/Elementary+School/Primary+Program/>

[KDE Elementary Mathematics link \(intermediate\)](#)

<http://www.education.ky.gov/KDE/Instructional+Resources/Elementary+School/Intermediate/Mathematics/>

[KDE Middle Mathematics link](#)

<http://www.education.ky.gov/KDE/Instructional+Resources/Middle+School/Mathematics/>

[KDE High School Mathematics link](#)

<http://www.education.ky.gov/KDE/Instructional+Resources/High+School/Mathematics/>

Robin Hill

Kentucky Mathematics Educators - Items of Interest

Here is the latest list of conferences, websites, publications, projects and opportunities that may be of interest to KY mathematics educators and/or their students.

Valeria Amburgey

KCTM Vice-President for College

DISCUSSION GROUPS / FORUMS

Now emerging is a mathematics educators' voluntary Working Group on "math anxiety". Although an offshoot from NADE's MathSPIN network, that working group is open to anyone who wishes to participate. To get on the mailing list, send an e-mail to green0@mathsense.org with the subject line: math anxiety working group.

PUBLICATIONS and/or WEBSITES OF INTEREST

At the recent Oregon Math Leaders Conference David Moursand gave an hour-length presentation on Math Maturity. Most of the material for his presentation was drawn from the website: http://iae-pedia.org/Math_Maturity.

Shayer, Michael and Mundher, Adhami (June 2006). The Long-Term Effects from the Use of CAME (Cognitive Acceleration In Mathematics Education): Some Effects from the Use of the Same Principles in Y1&2, and the Maths Teaching of the Future. Proceedings of the British Society for Research into Learning Mathematics. Retrieved 8/14/09: www.bsrlm.org.uk/IPs/ip26-2/BSRLM-IP-26-2-17.pdf

A question on the National Council of Supervisors of Mathematics (NCSM) listserv inquired about the number of states that required Algebra 1 and/or Algebra 2. Cathy Seely sent the following sources for this information: (1)

(Continued on page 10)

Kentucky Mathematics Educators - Items of Interest, *contd.*

(Continued from page 9)

The 2009 Achieve report, *Closing the Expectations Gap* which can be downloaded from the website: <http://achieve.org/closingtheexpectationsgap2009> and (2) CCSSO also gathers a variety of data on math course enrollments. Their math & science indicators project can be found at:

http://www.ccsso.org/Projects/Science_and_Mathematics_Education_Indicators/

Journal of Urban Mathematics Education - Summer 2009 PREVIEW -- For FREE access go to <http://education.gsu.edu/jume>

The Chilean Statistical Society is launching a new version (in English, with an international editorial committee) of its journal. In this new stage we would like to receive education papers from the international community. See <http://chjs.soche.cl/> for additional information.

A free download of the report, *MATH EDUCATION IN THE UNITED STATES 2008*, published by NCTM and the United States National Commission on Mathematics Instruction can be found online at <http://www.nctm.org/correspondingsociety.aspx>.

THE NATIONAL SCIENCE DIGITAL LIBRARY (NSDL) - free online library for K-16 educators for all levels in the areas of science, technology, engineering and mathematics education (<http://www.NSDL.org>).

THE EDUCATION & INFORMATION TECHNOLOGY DIGITAL LIBRARY (EdITLib) can be found online at <http://www.EdITLib.org>.

CONFERENCES AND WORKSHOPS

GENERAL (ALL)

National Council of Teachers of Mathematics (<http://www.nctm.org/>)

Annual Meeting & Exposition @ San Diego, CA on April 21-24, 2010

Regional Conferences & Expositions

@ Boston, MA on October 21-23, 2009

@ Minneapolis, MN on November 4-6, 2009

@ Nashville, TN on November 18-20, 2009

E-Learn 2009 -- World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education @ Vancouver, BC Canada on October 26-30, 2009. For additional information, check the website for the Association for the Advancement of Computing in Education (AACE) at <http://www.aace.org/>

School Science and Mathematics Association (SSMA) -- their 108th Annual Convention will be held at the Grand Sierra Resort in Reno, Nevada on October 22-24, 2009. Additional information can be found online at <http://www.ssma.org/>.

National Association for Gifted Children [NAGC] - November 5-8, 2009 in St. Louis, MO. For additional information, visit the website at <http://www.nagc.org/index.aspx?id=1759>.

(Continued on page 11)

Kentucky Mathematics Educators - Items of Interest, contd.

(Continued from page 10)

The 5th International Conference on Origami in Science, Mathematics and Education, will be held Tuesday - Saturday, 13- 17 July 2010, at the Singapore Management University, Singapore. This conference provides a platform for researchers, educators and artists to share and explore new ideas at the crossroads of origami, technology, mathematics, science, education and art. Concurrent sessions have been planned to cover these topics. Abstract submission is now open. The deadline for submission is December 1, 2009. For additional information, please contact Eileen Tan (origamiwolf@gmail.com) and/or Patsy Wang-Iverson (pwangiverson@gmail.com)

8th Annual Hawaii International Conference on Education will be held on January 7 - 10, 2010 at the Waikiki Beach Marriott Resort & Spa / Hilton Waikiki Prince Kuhio Hotel Honolulu Hawaii, USA. For additional information, either send an email to E-mail: education@hiceducation.org or visit the website at <http://www.hiceducation.org>

The 14th Asian Technology Conference in Mathematics (ATCM 2009) will be in Beijing on December 17-21. The theme of ATCM 2009 is "Journey to discover more mathematics". The deadline for both English and Chinese presentations for the tracks of 'presenting with abstract only' and 'poster session' has been extended to September 30, 2009. Additional information can be found online at <http://atcm.mathandtech.com>.

COLLEGE

AACTE Web Conference: Lessons From Practice in Teacher Education: Teacher Residency Models is a three day online conference which will be conducted September 15-17, 2009. For more information and to register, visit <http://www.aacte.org>.

The ERME Board, YERME and the Local Organizers are happy to invite PhD students, post-doc students, young researchers and researchers entering Mathematics Education to take part in the Fifth YERME Summer School (YESS-5). The summer school is hosted at Poggio San Francesco, a beautiful venue on the hills (800 m altitude), about 30 kilometres south-west from Palermo, Italy, near beautiful and historical sites like Monreale, Piana degli Albanesi, Segesta, Altofonte, and Monte Jato. The dates for the program are August 18-25, 2010; five and a half days of work plus one intermediate half-day for excursion. For more information, visit the websites at <http://yerme.eu/> and/or <http://math.unipa.it/~grim/>. The first deadline for participation is September 15, 2009.

Educational Interfaces between Mathematics and Industry (EIMI) The deadline for submitting contributions to the Study has been extended until OCTOBER 15. Instructions on submission of contributions and general information on the Study, organized by the International Commission on Mathematical Instruction (ICMI) and the International Council for Industrial and Applied Mathematics (ICIAM), can be found on the study website: <http://eimi.mathdir.org/>. The Study Conference will be held in Lisbon on April 19-23, 2010.

The SIGMAA on Research in Undergraduate Mathematics Education presents its thirteenth Conference on Research in Undergraduate Mathematics Education -- February 25, 7:00 PM - February 28, 2010, noon Raleigh, North Carolina. For further information and the call for proposals please visit the conference website at <http://rume.org/crume2010/> or follow the conference link at the SIGMAA on RUME homepage at www.rume.org. This conference is sponsored by the Mathematical Association of America and North Carolina State University.

Society for Information Technology and Teacher Education International Conference (SITE 2010) will be held on March 29-April 2, 2010 at the Sheraton San Diego Hotel & Marina in San Diego, CA. CALL FOR PARTICIPATION

(Continued on page 12)

Kentucky Mathematics Educators - Items of Interest, contd.

(Continued from page 11)

Submissions Due: Oct. 21, 2009. This conference is organized by the Society for Information Technology and Teacher Education (SITE) and the Association for the Advancement of Computing in Education (AACE). For more information, visit the website at <http://site.aace.org/>

The Institute of Mathematics and Its Applications (UK) is organising its first one-day conference on the History of Mathematics in London on 6th November, at the Royal Statistical Society. For additional information, visit http://www.ima.org.uk/Conferences/history_of_mathematics.html. You can book on-line at <http://online.ima.org.uk/events.aspx>.

GLOBAL LEARN Asia Pacific 2010 -- Global Conference on Learning and Technology will be held from May 17-20, 2010 in Penang (island), Malaysia. CALL FOR PARTICIPATION Submission Deadline is November 23, 2009. Organized by the Association for the Advancement of Computing in Education (AACE), the Education & Information Technology Digital Library (<http://EdITLib.org>) and the Open University of Malaysia, Universiti Sains Malaysia, and Wawasan Open University For more information visit the website for the Association for the Advancement of Computing in Education (AACE) at <http://www.aace.org>

The thirteenth consultation of the International Consortium for Research in Science and Mathematics Education (ICRSME XIII) will be held from March 9 - 12, 2010 at the BlueBay Los Angeles Locos Hotel near La Manzanilla, Mexico. Contact Art White [white.32@osu.edu] for additional information.

The 2nd PARIS INTERNATIONAL CONFERENCE ON EDUCATION, ECONOMY & SOCIETY will be held at the Hotel Concorde La Fayette in Paris (France) on July 21-24, 2010. For additional information on this conference, visit the website at <http://education-conferences.org/default.aspx>.

EARCOME5 -- The Fifth East Asia Regional Conference on Mathematics Education will be held on August 18-22, 2010 in Tokyo, Japan. The theme of the conference is: IN SEARCH OF EXCELLENCE IN MATHEMATICS EDUCATION. The organizers of the conference include the Japan Society of Mathematical Education (JSME) along with The Association of Mathematics Instruction, Mathematical Society of Japan, Mathematical Education Society of Japan, and ICMI-International Commission on Mathematical Instruction. Proposals should be sent by email as Microsoft Word attachment to earcome5@sme.or.jp BEFORE JANUARY 15, 2010. For additional information visit the website at <http://www.earcome5.jp/>.

OPPORTUNITIES

The Department of Didactica de la Matematica of the University of Valencia (Valencia, Spain) offers from next academic year 2009-10 its new Official Post-Graduate Program adapted to the frame of the European Higher Education Area. This post-graduate program includes a Research Master and a Doctorate, both specialized in Mathematics Education. It is possible to get only the Master degree and also to continue the studies to get the PhD degree. The team of teachers-researchers of the Department has expertise in several lines of research in mathematics education. The teaching language is Spanish. The provisional calendar of teaching activity for the master is from October 2009 until September 2010. The pre-registration period ends on September 9, 2009. For more information, please visit the web page <http://centros.uv.es/web/departamentos/D85/castellano/>

Chair in Education (two posts) -- School of Education at the University of Southampton, UK. The closing date for this position is 25 September 2009 at 12 midday (UK time). Please quote reference 3590-09-L on all correspondence. Details and forms are online at <http://www.jobs.soton.ac.uk> [search for 3590-09-L] or visit <http://www.jobs.ac.uk/jobs/BO594/Chair/>

University of Kentucky

High School Mathematics Day

The Department of Mathematics and the College of Engineering will host a half-day of activities for high school students with an interest in mathematics. The day will begin with an individual problem solving competition. The contest problems will be accessible to students who have studied algebra and geometry and many will only require a good command of arithmetic. However, many of the problems will require students to apply this material in new ways. Prizes will be awarded to top individuals and schools.

The rest of the morning will include presentations and activities by UK faculty and students to introduce our guests to some interesting areas of mathematics.

Mathematics Day will take place from 9:30am to 2:00 pm on Saturday, 17 October on the UK campus.

We request that participants pre-register to participate. We will accept registrations from individuals or schools. There is no registration fee, but spaces are limited. More information including the registration forms may be found at

<http://www.math.uky.edu/outreach/mathday/>

Please contact Russell Brown, russell.brown@uky.edu or +1 859 257 3951 for more information.

Russell Brown
Director of Undergraduate Studies
Department of Mathematics
University of Kentucky



Kentucky Center for Mathematics

Building Mathematical Foundations...

Studies show that a strong early start in mathematics leads to later success in school. Look for ways to make mathematics fun and interesting at home, such as:

COUNT	<ul style="list-style-type: none">• Count forward and backward with your child, starting at a different number each time.• Play store with your child, asking for delivery of a certain number of objects. Ask your child to write the number on an order sheet. Then adjust your order by returning some objects or asking for more. Ask your child to predict how many there will be when removing or adding objects.• Count by tens forward and backward starting at different numbers (such as 6, 16, 26, 36, ... or 78, 68, 58, 48, 38, 28, 18, 8).• Play board games, such as "Chutes and Ladders," which involve moving pieces along a pathway.
GROUP	<ul style="list-style-type: none">• Have your child make equally-sized groups of toys or objects. Talk about the number of groups, the number of items in each group, and the total number of items. Write a matching addition fact and multiplication fact. For example, if you have 4 paper plates and each has 3 frogs, you could write $3 + 3 + 3 + 3 = 12$ and you could write $4 \times 3 = 12$.
COMPARE	<ul style="list-style-type: none">• Ask questions about comparing quantities, like, "Are there more forks or spoons?" or "Can each person have a pencil?"
ORDER	<ul style="list-style-type: none">• Ask your child to put the day's activities in order. Ask "What did you do after ___?" or "What did you do before ___?"• Write numerals on index cards. Have your child read the numerals then put them in order.
SORT	<ul style="list-style-type: none">• Sort toys into categories, like hard or soft; toys with or without wheels, toys with or without eyes, toys that can or can't be used to build, etc.
FLASH	<ul style="list-style-type: none">• Briefly show some of your fingers and ask your child to tell or show how many there were.

KCM – facilitating teacher growth for state-wide student success in mathematics: Coaching/Intervention/Adult Education
Housed at Northern Kentucky University and supported by the Kentucky Council on Postsecondary Education
504 Johns Hill Road | HIGHLAND HEIGHTS | KY 41099 | (859) 572 7690 | WWW.KENTUCKYMATHEMATICS.ORG
KIRSTEN FLEMING, EXECUTIVE DIRECTOR