

# Connections

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## AMTE PRESIDENT'S MESSAGE

*Looking Back Over a Year of Celebrating the Past, Participating in the Present, and Preparing for the Future*

**Marilyn E. Strutchens, Auburn University**



As I look back over my first year as president of AMTE, I can truly say that I am proud of the accomplishments that we have made as an organization. As we celebrate 20 years as an organization, we have participated in a number of important joint efforts with the Association of State Supervisors of Mathematics (ASSM), National Council of Supervisors of Mathematics (NCSM), National Council of Teachers of Mathematics (NCTM), Conference Board of Mathematical Sciences (CBMS), and other organizations around the *Common Core State Standards*. We have also made great strides as an organization to provide more services to our members and more opportunities for our members to connect and converse with each other over important issues.

In this message I discuss some of our accomplishments. Thanks to our Web Director, Timothy Hendrix, and Nadine Bezuk, Executive Director, along with their assistants we have upgraded our website and extended its capabilities for members. Through our membership committee led by Gail Burrill, we have actively sought new members through a variety of means, such as inviting authors of mathematics teacher education articles for NCTM's practitioner journals to become members who were not already members of AMTE. We had booths at NCTM's and NCSM's annual meetings to inform people about our organization and encourage them to join. We are also excited that with the establishment of the Association of Maryland Mathematics Teacher Educators (AMMTE), we now have twenty affiliate groups.

With the support of the Brookhill Foundation and the leadership of Maggie McGatha and Nicole Rigleman, we maintained the Elementary Mathematics Specialist initiative. Margaret (Peg) Smith of the University of Pittsburgh, the first editor of the new journal, *The Mathematics Teacher Educator (MTE)*, co-published by AMTE and NCTM, and the Editorial Panel, comprised of representatives from AMTE and NCTM are now accepting articles for review for the journal and have had over 200 people to volunteer as reviewers. Furthermore, we will have an advocacy breakfast at our annual meeting in order to extend our work surrounding ways that we can more effectively advocate on behalf of mathematics teacher educators in discussions related to teacher education policy.

In addition to making progress on the work of the previous years, we have made some important strides toward action priorities set by the Board of Directors for 2011.

The Association of Mathematics Teacher Educators  
[www.amte.net](http://www.amte.net)

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**Develop a stronger communication plan.** The AMTE Board of Directors proposed that we increase the opportunities for members to communicate and collaborate within and outside of the conference. To this end, we established a Communications Task Force:

Chair: Trena Wilkerson (Chair), Baylor University, TX  
 Nadine Bezuk, San Diego State University, CA  
 Patricia Campbell, University of Maryland, MD  
 Sandi Cooper, Baylor University, TX  
 Alfinio Flores, University of Delaware, DE  
 Tim Hendrix, Meredith College, NC  
 Laura McLeman, University of Michigan-Flint, MI  
 Travis A. Olson, University of Nevada, Las Vegas, NV  
 John (Zig) Siegfried, San Diego State University, CA

Based on the work of the Task Force, the following actions have occurred:

a) The Board of Directors voted to approve the formation of a communications standing committee. The committee is charged to promote the mission and goals of AMTE by establishing and maintaining various communication tools to support member and leadership communication, developing and recommending to the AMTE Board of Directors long-term plans and subsequent policies to support communication efforts of AMTE, working in collaboration with other AMTE committees and the AMTE Board of Directors to support communication efforts and to carry out communication policies as established by the Board, overseeing and maintaining AMTE social networking venues, coordinating communication of resources and related web supported areas with the AMTE Website Coordinator and webmaster, supporting communications during annual conference (in collaboration with the Executive Director, President, Conference Director and Program Chairs), and preparing an annual report for the AMTE Board of Directors.

b) An [AMTE Facebook](#) page has been established. The task force sees this as another vehicle to get messages out.

**Provide guidance and resources for MTEs related to implementation of CCSS.** In response to this priority, AMTE leadership has been involved in a number of initiatives. AMTE is a member of the Mathematics Common Core Coalition (MCCC), which provides expertise and advice on issues related to effective implementation and assessment of the CCSS. Members of the MCCC, in addition to AMTE, include the NCTM, the NCSM, ASSM, the Council of Chief State School Officers (CCSSO), the SMARTER Balanced Assessment Consortium (SBAC), the Partnership for the Assessment of Readiness for College and Careers (PARCC), and the National Governors Association (NGA). Please go to <http://www.nctm.org/standards/mathcommoncore/> for additional information.

AMTE has also established a CCSSM task force:

Chair: M. Lynn Breyfogle (Chair), Bucknell University  
 Fran Arbaugh, Penn State University  
 Sybilla Beckman, University of Georgia  
 William Bush, University of Louisville  
 Timothy Hendrix, Meredith College  
 Beth Herbel-Eisenmann, Michigan State University  
 Judith Jacobs, University of Michigan  
 W. Gary Martin, Auburn University  
 Sue Peters, University of Louisville  
 Paola Sztajn, North Carolina State University in Raleigh

**Look for information concerning the 2012 Conference throughout the newsletter.**

The AMTE CCSS Task Force has been busy developing resources for members. Please see related article in this issue for additional information. Other CCSS initiatives in which AMTE is involved include, The Mathematics Teacher Education Partnership (<http://mte-partnership.org/>), Articulating Research Ideas that Support the Implementation of the Professional Development Needed for Making the Common Core State Standards in Mathematics Reality for K-12 Teachers Project, The Illustrative Mathematics Project, The Conference Board of Mathematical Sciences Ad Hoc Committee on Teachers as Professionals, and others.

**Establish an AMTE Foundation.** After careful consideration the Board of Directors decided not to pursue this initiative at this time. Instead the Board approved the **20 for 20 Campaign**, which is spearheaded by Barbara Reys, past president of AMTE. As part of the 20th Anniversary celebration, the Board established an award in honor of Susan Gay (former President and current Conference Director) to support doctoral students and early career mathematics educators to attend the Annual Conference of AMTE. We want to grow an account that will sustain our support and outreach to these emerging mathematics teacher educators. On behalf of the AMTE Board, we have asked members to consider contributing to the Susan Gay Conference Travel Scholarship fund. Our goal is to raise \$20,000 to support this fund. If each member contributes \$20 to celebrate the 20th anniversary ("20 for 20") we will meet this goal. We want to thank those who have already given generously to this fund. The recipients of the Susan Gay Conference Travel Scholarship for this year are:

Jeramy Donovan of Wayne State University  
 Comfort Akwaji-Anderson of Iowa State University  
 Alyson Lischka of Kennesaw State University  
 Cathery Yeh of University of California, Irvine

As one can see, this has been a busy year for AMTE. I want to thank everyone who has made contributions to the work of the organization. I know that I have not listed everyone who provided service to the organization this year. As we move forward into 2012, celebrating our past, participating in the present, and preparing for the future, I hope that you will continue to get involved in the organization's endeavors. Information about the 16th Annual Conference of AMTE to be held in early 2012 can be found elsewhere in this Newsletter. In addition to contributing as a speaker or attending the annual conference of AMTE, there are many other ways to serve. Members can share their interest in particular activities by completing an "AMTE Volunteer" form found on the website (see: "Quick Links" box). Please let me know if you would like to volunteer for a particular activity by sending an email ([strutme@auburn.edu](mailto:strutme@auburn.edu)) or completing the AMTE Volunteer format on [www.amte.net](http://www.amte.net).

**Register for the conference online at [www.amte.net](http://www.amte.net)**

## Historical Notes about AMTE



As we continue to celebrate the 20<sup>th</sup> Anniversary of AMTE this year we will highlight events, historical information, and fun questions through the newsletter and the [AMTE website](http://www.amte.net).

*Do you know.....*

*when the first elections were held and who the newly elected officers were?*

*who the first recipient of each of these awards was?*

*Excellence in Teaching in Mathematics Teacher Education*

*Excellence in Leadership and Service in Mathematics Teacher Education*

*(Now known as the Nadine Bezuk Excellence in Leadership and Service Award)*

*Excellence in Scholarship in Mathematics Teacher Education*

*Early Career in Mathematics Teacher Education*

*Answers can be found on page 9.*

**The Association of Mathematics Teacher Educators  
(AMTE) Sixteenth Annual Conference  
Fort Worth, TX  
February 9-11, 2012**



**Conference Registration and Hotel Reservation Information**

The Sixteenth Annual Conference will be held at the Worthington Renaissance Hotel in Fort Worth, Texas from Thursday, February 9 through Saturday, February 11, 2012. Conference sessions begin on Thursday afternoon at 1:00 p.m. The conference will conclude at 1:15 p.m. on Saturday. **The conference registration deadline is December 2, 2011.**

We have a limited block of reduced-price rooms available at \$159/night (single or double occupancy) at the Worthington Renaissance Hotel. We encourage you to reserve your room soon either online via the [AMTE website](#) or by calling the toll-free number below. Be sure to mention the AMTE Conference when you call. **Make your hotel room reservation by Friday, December 2, 2011** to get our special conference rate. Please be aware that the conference block may be sold out by this date. Once the room block is full, the hotel will accept reservations at the hotel's prevailing rate and only on a space-available basis. Hotel reservations can be made using the link on the AMTE website or by calling Marriott Passkey Reservations at 800-266-9432. Be sure to mention the "AMTE Conference" when you call. Information about traveling to Fort Worth and the Worthington Renaissance Hotel will be on the AMTE website soon.

Worthington Renaissance Hotel  
200 Main Street  
Fort Worth, TX 76102  
Front Desk Phone: 817-870-1000  
Marriott Passkey Reservations (toll-free): 800-266-9432 (mention AMTE)

The **preliminary program** link is on the AMTE website. The program information will be updated over the next few weeks and a final program will be posted by mid-January.

**Conference Highlights**

**Thursday**

Numerous preconference sessions are being held during the morning on Thursday, February 9. A list of those is on page 9 and on the [AMTE website](#). Details about the content of each session are on the AMTE website. You can register for a preconference session when you register for the conference.

A full slate of conference sessions will begin at 1:00 p.m. Doug Clements, University of Buffalo, SUNY, is the speaker at the Thursday General Session from 5:00 to 6:30 p.m. The title of his presentation is "Lessons from Research: What Research Does and Does Not Tell Us." An afternoon break will be provided on Thursday, but dinner Thursday evening is on your own.

**Friday**

Conference sessions will begin on Friday at 8:00 a.m. Highlights include a presentation by last year's Early Career Award Winner, Kathryn Chval. Beginning at 5:00 p.m., the Judith Jacobs Lecture will be given by Deborah Schifter, Education Development Center. The title of her presentation is "Interpreting the Common Core: What Might It Look Like in Classrooms?" Friday's continental breakfast, lunch, and dinner are included with the registration fees along with an afternoon break. AMTE committees will meet during lunch. Dinner will be a celebration of 20 years of AMTE.

**Saturday**

Conference sessions will begin on Saturday at 8:00 a.m. Continental breakfast and lunch are included with the registration fees. Members of AMTE affiliates will meet during breakfast. The AMTE Business Meeting will be held during lunch. The conference will conclude by 1:15 p.m.

We look forward to seeing you in February in Texas to celebrate AMTE's 20th Anniversary!

Susan Gay, AMTE Conference Director, [sgay@ku.edu](mailto:sgay@ku.edu), University of Kansas, KS

***Remember to  
register and  
make hotel  
reservations by  
December 2,  
2011!***

## AMTE Conference Featured Speaker: General Session Dr. Douglas H. Clements, University of Buffalo, SUNY

*Lessons from Research: What Research Does and Does Not Tell Us*  
Thursday February 9, 2012, 5:00 p.m.



**Session Description:** What is the state of early and elementary mathematics education? What does the research say? Douglas H. Clements paints a picture of where we stand regarding standards, curriculum, teaching, and professional development. He draws several "lessons" from research—findings that support visions of new approaches to mathematics education, including information from recent publications that he co-authored, including the report of National Mathematics Advisory Panel, NCTM's *Curriculum Focal Points*, the National Research Council report on early mathematics, and the *Common Core State Standards*. At the core of these approaches are learning trajectories—research-based paths of learning and teaching. Participants will hear and see examples of projects using these approaches.

## AMTE Conference: Judith Jacobs Lecture Dr. Deborah Schifter, Education Development Center

*Interpreting the Common Core: What Might It Look Like in Classrooms?*  
Friday February 10, 2012, 5:00 p.m.



**Session Description:** Deborah Schifter will present samples of student work and classroom video that illustrate teachers and students engaging with a constellation of content and practice standards related to the Common Core's emphasis on the properties of the operations.

**NEW!**  
**Like AMTE on  
Facebook.**

## 2012 Conference Reminders

### **First Annual Policy and Advocacy Breakfast**

Come to AMTE's initial Policy and Advocacy Breakfast on Friday, February 10, during the 2012 AMTE Conference. Hear a brief update on policy and advocacy issues nationally that may impact you and your work in teacher education AND then join the discussion regarding local and regional challenges you may face.

### **2011 STaR Fellows Institute**

During the 2012 AMTE Conference in Fort Worth, TX, a follow-up session will be held for those participants in the 2011 STaR Institute. The 2011 STaR Fellows will meet with Robert Reys, University of Missouri, and Denise Spangler, University of Georgia, on Thursday, February 9, 2012 from 8:30 to 11:30 a.m. This session will provide an opportunity for the 2011 STaR Fellows (early career mathematics teacher educators selected via an NSF induction program) to continue networking and build on the work initiated during the Summer Institute. Arrangements will be coordinated by Barbara Reys. This session is limited to 2011 STaR Fellows.

## AMTE's Research on Mathematics Teacher Education Advisory Committee Update and Research Commentary

Page 6

Submitted by the AMTE Research on Mathematics Teacher Education Advisory Committee  
Corey Drake, Iowa State University, Chair

The mission of AMTE's Research on Mathematics Teacher Education Advisory Committee is multi-faceted. An important aspect of our charge is "Preparing an annual 'Research Commentary'... discussing the current state of research in mathematics teacher education, priorities for new work in the field, or other relevant information regarding the nature and status of research related to mathematics teacher education."<sup>1</sup>

For this year's commentary, instead of a single extended commentary, we have planned a series of smaller commentaries for the AMTE newsletter that highlight what we see as important questions and issues to be pursued through research in and on mathematics teacher education. We see these smaller commentaries, distributed over the next three (or more) issues of the newsletter, as both a call to action and, we hope, a catalyst for discussion within the mathematics teacher education community.

In this first contribution, we ask what the next generation of research in mathematics teacher education might look like based on what we have learned from research over the past several years. We are advocating for research that builds on current knowledge and extends that knowledge by pursuing it more deeply and at scale – or at least in ways that move towards scale. To do this, we briefly examine one example of an innovation in mathematics education, *Cognitively Guided Instruction* (CGI), that has been "proven" to work – and then consider questions that now need to be answered through research in mathematics teacher education, particularly in the context of the widespread adoption of the Common Core State Standards for Mathematics (CCSSM).

The research base in support of CGI is extensive (Carpenter, Fennema, Franke, Levi, & Empson, 1999). It seems clear from this research that when small groups of teachers commit significant time and energy towards learning about CGI, their practices change in ways that support student learning (Fennema, Carpenter, Franke, Levi, Jacobs, & Empson, 1996; Kazemi and Franke, 2004). While there is considerable value for participating teachers (and their students) in continuing to offer these kinds of experiences in the ways that they have been offered in the past, we feel that it is important from a *research* perspective to consider the "next generation" research questions that might now be productively explored in research on these experiences and on CGI more generally. In other words, we need research questions that will allow us to move beyond understanding if CGI "works" (we know that it does) to considering more complex and in-depth issues – particularly related to mathematics teacher education. Some of the questions we would like to see answered include the following:

- Which aspects of CGI are most accessible to pre-service teachers?
- How can mathematics methods or content courses be designed to support pre-service teachers' learning of these ideas and practices?
- What kinds of teacher education designs and policies would or do work to support the spread of CGI professional development on a larger scale?
- What can we learn about the different ways in which CGI experiences for teachers (pre-service and in-service) have been designed and enacted in different contexts?
- How are teachers able to enact what they have learned through CGI in the context of current mandated curriculum series and the CCSSM?

We also need work that looks more deeply at how and why participation in CGI can lead to learning by both teachers and students. Franke, Chan Turrou, and Webb (2011) provide an example of this kind of in-depth work, exploring the questioning patterns of particularly effective CGI teachers.

<sup>1</sup>Charges to Committee Members,

<http://amte.net/sites/all/themes/amte/resources/committees/CHARGES-to-Committees.pdf>.

Retrieved October 30, 2011.

*What does the  
next  
generation of  
research in  
mathematics  
teacher  
education look  
like?*

Continued on page 7

AMTE Connections  
Winter 2011

**AMTE's Research on Mathematics Teacher Education  
Advisory Committee Update and Research Commentary on  
*Cognitively Guided Instruction* (CGI) Continued**

As members of the AMTE research committee, we look forward to seeing more research of this kind in Annual Conference presentations and in journals such as *JRME*, *JMTE*, and *Mathematics Teacher Educator* (MTE).

As mentioned above, we hope that these shorter commentaries will spark discussion and, eventually, new research. Below are some questions to start the discussion; send your responses to Corey Drake (chair of the research committee) at [cdrake@msu.edu](mailto:cdrake@msu.edu). We will try to include some responses in our next commentary.

- What are other examples of this kind of "next generation" research that we should be highlighting? What other innovations have enough of a research base to support this next generation research?
- In his response to Franke et al.'s (2011) presentation at PME-NA, Jim Middleton (2011) pointed out that this kind of next generation research is often not rewarded in the academy, where a premium is placed on new innovations as opposed to greater and more in-depth understanding of existing successful innovations.<sup>2</sup> Have you experienced this constraint? What structures or reward systems are needed to overcome it?
- What questions are you pursuing (or thinking of pursuing) that might fall into the category of next generation research?

Finally, another aspect of our mission as the research committee for AMTE is to "Recommend ways to make research more visible in the AMTE communication outlets, such as the website and the newsletter." One way we are doing that is through contributions such as this commentary. Another initiative that we have started over the past year is the "My Favorite Articles" section under the "Research" tab of the AMTE web site. In this section of the web site, committee members identify articles in mathematics education, teacher education, and mathematics teacher education that have been highly influential in our own work. We summarize the articles and what we have learned from them. The Fennema et al. (1996) article referenced above is summarized and discussed by Amy Roth McDuffie in her "My Favorite Article" contribution. We are continuing to add more article summaries and we hope that this collection becomes a useful resource for the AMTE community.

Soon, we will be working on additional resources for the "Research" section – including video clips with researchers describing current and cutting-edge research in mathematics teacher education and research highlights from the Annual Conference. We are also open to your ideas about how the research committee can best serve you and fulfill our mission of promoting research in the AMTE community and beyond.

#### References

Carpenter, T. P., Fennema, E., Franke, M. L., Levi, L., & Empson, S. B. (1999). *Children's mathematics: Cognitively guided instruction*. Portsmouth, NH: Heinemann.

Fennema, E., Carpenter, T.P., Franke, M.L., Levi, L., Jacobs, V.R., & Empson, S.B. (1996). A longitudinal study of learning to use children's thinking in mathematics instruction. *Journal for Research in Mathematics Education* 27 (4): 403-444.

Franke, M., Chan Turrou, A., & Webb, N. (2011). Teacher follow-up: Communicating high expectations to wrestle with the mathematics. In Wiest, L. R., & Lamberg, T. (Eds.). *Proceedings of the 33rd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*. Reno, NV: University of Nevada, Reno.

Kazemi, E. & Franke, M.L. (2004). Teacher learning in mathematics: Using student work to promote collective inquiry. *Journal of Mathematics Teacher Education* 7: 203-235.

<sup>2</sup>Thanks to Andrew Tyminski (Clemson University) for pointing out the importance of this constraint and discussing options for addressing it.

**Send responses  
for the research  
commentary  
questions to  
Corey Drake at  
[cdrake@msu.edu](mailto:cdrake@msu.edu)**

## Congratulations to the 2012 Susan Gay Conference Travel Scholarship Recipients

This year four graduate students were selected as recipients of the Susan Gay Conference Travel Scholarships:

Jeremy Donovan, Wayne State University  
Comfort Akwaji-Anderson, Iowa State University  
Alyson Lischka, Kennesaw State University  
Cathery Yeh, University of California, Irvine

More information about the scholarships can be found on the [AMTE website](#). Applications for 2013 scholarships will be available Summer 2012. To donate to the scholarship fund, please see the [20 for 20 Campaign](#).

**AMTE 20<sup>th</sup>  
Anniversary  
is here!**

### *Mathematics Teacher Educator Journal Update*

We're excited to announce the launch of the online submission system for the *Mathematics Teacher Educator* journal, jointly produced by the National Council of Teachers of Mathematics and the Association of Mathematics Teacher Educators. We are now accepting manuscripts. More information about the *Mathematics Teacher Educator*, including the Call For Proposals, is available online at <http://www.amte.net/publications/mte>.

### Congratulations to our new President-Elect And Board Member-at-Large!

The newly elected officers will begin terms at the close of the 2012 AMTE Annual Conference.

**AMTE President-Elect:** Fran Arbaugh, Penn State

**AMTE Board Member-at-Large:** Stephen Pape, University of Florida

*Submitted by Christine D. Thomas, Georgia State University  
AMTE Nominations & Elections Committee Chair*



**See page 9 for  
preconference  
session  
information.**

### Congratulations to the 2012 National Technology Leadership Initiative Award Recipients!

**Paper Title:** *Teachers' statistical problem solving with dynamic technology: Research results across multiple institutions*

**Authors:** Hollylynne Lee, Gladis Kersaint, Suzanne Harper, Shannon Driskell, Keith Latham

### **AMTE is now on Facebook!**

*Add us to your Facebook page!*

You can link from the [AMTE homepage](#) or go directly to [AMTE's Facebook page](#). Check out news items and participate in an on-line discussion about a current topic in mathematics education.

### 2012 Annual Conference Deadlines

**Regular Registration: December 2, 2011**

**Deadline for Hotel Reservations: December 2, 2011**

**Conference Dates: February 9-11, 2012**

## PRECONFERENCE SESSIONS at AMTE 2012 CONFERENCE

### Thursday Morning, February 9, 2012

Nine preconference sessions are being offered on Thursday morning, February 9, 2012 at the AMTE Annual Conference at the Worthington Renaissance Hotel in Fort Worth, TX. Each session requires pre-registration. No on-site registration will be available. The following list contains the title of each session. More information about each session including the presenters, times, and session description can be found on the [AMTE website](#). For more information on any session, you can contact the session organizer. **New this year**, you can register for any of these preconference sessions by indicating your interest on the AMTE Conference Registration Form on the [AMTE website](#).

#### Session Title

1. Connecting and Empowering AMTE Affiliates
2. Elementary Mathematics Specialists: Getting Started and Moving Forward
3. Framing and Analyzing (In)equity and Power in Mathematics Methods II
4. Increasing Professional Development Capacity: Common Challenges and Approaches to Preparing Math Leaders to Facilitate Professional Development Programs
5. NCTM NCATE Program Reviewer Training Workshop
6. Professional Development at a Distance: Designing and Facilitating Online Courses for In-service Mathematics Teachers
7. Sense Making and Reasoning with Technology – An Interactive Panel
8. Teacher Discourse Moves in Context
9. Teaching Mathematics for Elementary Teachers Courses in Light of the Common Core Standards (FULL)

See the [AMTE website](#) for detailed session descriptions and presenters.

## Congratulations to AMTE's 2012 Award Recipients

Award recipients will be recognized at the start of the General Session of the 2012 AMTE Annual Conference in Fort Worth, TX at 5:00 p.m., Thursday, February 9, 2012.

#### Outstanding Mathematics Teacher Educator Award

Deborah Lowenberg Ball, University of Michigan  
Session Presentation, Friday, February 10, 2012, 9:30-10:30 a.m., Brazos I

#### Early Career Award

Tim Boerst, University of Michigan

Answers to *Do You Know* questions  
from page 3!



First elections were held in 1994 with Henry Kepner as President, Judith Jacobs as President-Elect, Michaelle Chappell as Secretary, Nadine Bezuk as Treasurer, and Bonnie Litwiller, James Babb, and Susan Beal as Board Members.

In order: Randy Philipp (2006), Bill Bush (2007), Frank Lester (2008), and John Lannin (2009).

**NOTE:**  
Preconference sessions require pre-registration. On-site registration will NOT be available.

Look for 2011's Early Career Award Winner, Kathryn Chval's session in the 2012 conference program.

Friday  
February 10, 2012  
3:30-4:30 p.m.  
Brazos I

## AMTE Common Core State Standards Mathematics Task Force Update

With the adoption of the *Common Core State Standards* (CCSS) in most states, AMTE has commissioned a Task Force on the CCSS-M to support members with this transition to new standards. The members of this Task Force (M.Lynn Breyfogle-Chair, Fran Arbaugh, Sybilla Beckmann, Bill Bush, Tim Hendrix, Beth Herbel-Eisenmann, Judith Jacobs, Gary Martin, Sue Peters, Marilyn Strutchens, Paola Sztajn) have been working hard since August to attend to the Board's charge and have established three goals for their work.

**Goal #1: Create a separate informational webpage about CCSS-M related news on the AMTE website.** On the front page of the AMTE website ([www.amte.net](http://www.amte.net)) is a link to a CCSS-M page of resources ([www.amte.net/resources/ccssm](http://www.amte.net/resources/ccssm)). On this page, links can be found to several helpful resources. The Task Force has identified many reports and documents that might be of interest to the members. One resource is a table with links to each of these reports along with organizations related to the CCSS-M. As with any new initiative there are many acronyms that emerge, so there is a glossary with links to the "Alphabet Soup" of CCSS. In addition, for those new to CCSS-M there is a FAQ section that addresses basic information about the CCSS with a webform to submit additional questions.

**Goal #2: Create a stack exchange website for members to share and respond to critical discussions related to concerns and questions.** To help facilitate critical discussions a new Mathematics Teacher Educators Q&A site was established at <http://area51.stackexchange.com/proposals/35226/mathematics-teacher-educators>. The site is a forum for asking and answering questions about mathematics teacher education, with a particular focus on the CCSS. AMTE members are invited to join. The site is currently moving through "stages" as it works its way towards full functionality. Stack Exchange Q&A sites have a moderation mechanism by which community members can gain reputation, higher reputation leads to greater privileges, and inappropriate postings can be removed. Mathematicians have been using the "MathOverflow" Stack Exchange site for several years to ask and answer questions about mathematics research. (See <http://mathoverflow.net/>)

**Goal #3: Develop a list of resources generated by members that enumerates existing and forthcoming materials to support work with CCSS-M.** In order to facilitate the creation of this list of resources, the Task Force would like the membership to be involved in discussions and sharing related to this work. They have developed two activities; the first is a survey that members will be invited to complete regarding resources they are using. The survey can be found at: <http://tinyurl.com/cssm-resources-survey>. Please consider sharing the resources you are already using to help develop teachers' understanding of the CCSS-M.

The second activity will be a **CCSSM Swap Meet: Sharing learning tasks for prospective and practicing teachers hosted by the Task Force** during the Annual Conference on Friday evening, following dinner. Soon, you should be receiving an email invitation to participate. Watch your email for more information.

### PME-NA 2012 Conference Announcements

The 34th Annual Conference of the North American Chapter of the International Group for the Psychology of Mathematics Education (PME-NA 2012) will be held in Kalamazoo, Michigan, November 1–4, 2012. Plenaries will address four continuums of the conference theme, Navigating Transitions Along Continuums: (1) Jo Boaler will share her experiences with scaling up innovations; (2) Jere Confrey will speak on the student learning continuum; (3) Christian Hirsch will moderate a panel formed by Amanda Jansen, Janie Schielack, Cathy Seeley, and Jack Smith as they discuss navigating translations along the school mathematics articulation continuum; and (4) Deborah Ball and Suzanne Wilson will discuss transitions on the professional learning continuum. Regardless of your research area, we encourage you to consider your work through the perspective of the conference theme. By collectively focusing on critical issues related to transitions, the conference will contribute to a better understanding of how to effectively navigate them. See [www.pmena.org/2012](http://www.pmena.org/2012) for more details. *Submitted by Jill Newton, Purdue University*

Link to the  
CCSS-M  
information page  
can be found  
on the  
AMTE website.

## AMTE AFFILIATE NEWS

### California Association of Mathematics Teacher Educators (CAMTE) Affiliate

CAMTE hosted a reception at the CA Mathematics Council - South conference in Palm Springs November 4. Also we are sponsoring a CAMTE strand at the CA Math Council - North conference December 3 at the Asilomar Conference Grounds in Pacific Grove, CA. Our annual business meeting will take place at the CMC-N conference, as will a board retreat and a working group lunch to focus on developing a model mathematics specialist program to meet new CA standards. We have a new brochure and post-it notes and small pads to give out to new members, and our very active membership committee is working to increase membership for 2012.

Our advocacy committee has been active with the CA Commission on Teacher Credentialing. We have a committee member at each meeting in Sacramento and are now known to staff and some commission members as the professional organization to consult relative to teacher credentialing in mathematics. We hope these efforts will result in some revision of current mathematics teacher credentialing policies that we feel undermine efforts to produce excellent mathematics teachers at all levels.

*Submitted by CAMTE President, Joanne Rossi Becker*

### Massachusetts Mathematics Association of Teacher Educators (MassMATE)

We are happy to report that the 2011 Symposium was MassMATE's most successful yet! For the second year in a row, we had to close registration days before the conference! Our attendance increased by more than 50% from the year earlier and we filled the huge ballroom to capacity. The theme for the conference was "Preparing to Lead in Times of Change" with a focus on the Common Core State Standards and Response to Intervention. Massachusetts Commissioner of Elementary and Secondary Education, Mitchell Chester, joined the conference as the Keynote speaker. Sessions were led by teacher educators who are leaders in their field. By partnering with ESANE, the number of exhibitors almost tripled from 2011. In 2011, our symposium also found a new home at Bridgewater State University (BSU). We are grateful to BSU for their generous support and hope to continue the partnership for years to come. To everyone who made it such a success we take off our hats in gratitude!

MassMATE does not rest for long, however, and we are busy planning our 2012 symposium which will be on May 23<sup>rd</sup>, 2012 at BSU. The theme for this year is "Teacher Leaders Making it Happen: Bringing the Guiding Principles and Standards for Mathematical Practice into the Mathematics Classroom". The keynote address will be by Dr. Steve Leinwand, Principal Research Analyst at the American Institutes for Research and Past President of NCSM. We are expecting another record attendance, so make sure to register early! For more information on the past and future happenings, visit us at [www.MassMATE.net](http://www.MassMATE.net).

*Submitted by MassMATE Conference Chair, Polina Sabinin*

### Missouri Mathematics Association for the Advancement of Teacher Training (MAT)<sup>2</sup>

Members of the Missouri Affiliate, Missouri Mathematics Association for the Advancement of Teacher Training, (MAT)<sup>2</sup>, and others around Missouri have worked to compile a focus issue of our newsletter, the *Golden Rectangle*. Articles in the upcoming issue aim to educate us all more fully on the CCSS-M. Additionally, we will have our fall meeting at the Missouri Council of Teachers of Mathematics annual conference in Columbia, MO.

*Submitted by Jenni Wall, (MAT)<sup>2</sup> President, [jwall@nwmissouri.edu](mailto:jwall@nwmissouri.edu)*

### Utah Association of Mathematics Teacher Educators (UAMTE)

Our UAMTE conference will be held March 3, 2012 at Utah Valley University. Barbara Reys from the University of Missouri will be our keynote speaker.

*Submitted by Blake Peterson, Brigham Young University*

Check the AMTE website for the latest on

- 2012 Conference Updates and Deadlines
- MTE Call for manuscripts

[www.amte.net](http://www.amte.net)

## AMTE AFFILIATE NEWS continued

### **Pennsylvania Association of Mathematics Teachers Educators (PAMTE)**

In conjunction with our state's PA Council of Teachers of Mathematics (PCTM) conference in November, which many of our PAMTE members help organize, PAMTE will hosts its fourth Preservice Teacher Day (PSTD). This is a special day at the conference in which we help preservice teachers get acclimated to a conference setting by giving them special attention throughout the day. This year, we are also sponsoring a poster presentation session for these students to showcase some of their work.

PAMTE members have been recruited by NCTM to work on the appendix to NCTM's Making It Happen publication, helping to connect NCTM materials to the CCSS-M. With Rose Zbiek's leadership, Nina Girard, Debbie Gochenaur, Mike Long, Mary Lou Metz, James Preston, Judy Werner, Jane Wilburne, and Steve Williams will be working on this project.

One of our members, Fran Arbaugh, is running for AMTE President-Elect. We couldn't be more proud of Fran!

*Submitted by Steve Williams, President*

### **Association of Maryland Mathematics Teacher Educators (AMMTE)**

The newly formed Association of Maryland Mathematics Teacher Educators (AMMTE) held its first Annual Business Meeting in October. At this meeting, goals for the organization were set and future meetings were planned. We will meet again on Monday, January 9, 2012. Please see <https://www.marylandmath.org/AMMTE> or contact Christy Graybeal at [graybeal@hood.edu](mailto:graybeal@hood.edu) for more information.

*Submitted by Christy Graybeal, President*

### **Association of Mathematics Teacher Educators in Texas (AMTE-TX)**

The Texas affiliate of AMTE has been making gains in visibility at the state level, with the recent invitation of Colleen Eddy, the current President, to attend the board meeting of the Conference for the Advancement of Mathematics Teaching for Texas (CAMT). This three-day mathematics conference hosts 6,000- 7,000 teachers each summer. As a result of that invitation AMTE-TX will now have three members on the CAMT Program Committee and three designated members volunteering for registration. Sandra Browning, AMTE-TX Secretary, and Kathy Smith, AMTE-TX Member-At-Large are the officers who will serve on the program committee and registration volunteer respectively. Also, they will be facilitating the members who have agreed to represent AMTE-TX in this capacity.

AMTE-TX members are busy preparing the local arrangements for the AMTE conference in Fort Worth February 2012. Sandi Cooper, the first President of AMTE-TX, and Trena Wilkerson, President-Elect, are serving as co-chairs of the Local Arrangements and will coordinate volunteers for registration and technology assistance. Dusty Jones, AMTE- Member -At-Large, will serve as chair of the technology committee and Jennifer Chauvot, active member of AMTE-TX, will serve as chair of registration.

This past year three newsletters were successfully published and received by our members and can be downloaded from our website at <http://amte-tx.org>. The activities of AMTE-TX have contributed to the 50% growth in membership between August 2010 and August 2011. As more mathematics educators become aware of AMTE-TX and its purpose, we should see continued growth in membership and activities in the state.

*Submitted by Colleen M. Eddy, AMTE-TX President*

**See page 8  
for 2012  
Confer-  
ence  
deadlines.**

**Annual Renewal  
for AMTE  
Affiliates**

**Due:**

January 27, 2012

Online Renewal  
Process Available  
Soon

Contact Affiliate  
Director for More  
Information

[sandra\\_cooper@baylor.edu](mailto:sandra_cooper@baylor.edu)

## Important Dates to Remember

### 2012

January 4-7 AMS-MAA Joint Mathematics Meetings, Boston, MA

**February 9-11 AMTE Annual Conference, Fort Worth, TX**

February 23-25 RCML Conference, Charlotte, NC

RUME Conference, Portland, OR

April 13-17 AERA Annual Meeting, Vancouver, British Columbia

April 25-28 NCTM Annual Meeting, Philadelphia, PA

July 8-15 ICME-12, Seoul, Korea

July 18-22 PME Conference, Taipei, Taiwan

October 10-12 NCTM Regional Conference, Dallas, TX

October 24-26 NCTM Regional Conference, Hartford, CT

November 1-4 PME-NA Conference, Kalamazoo, MI

November 8-11 AMATYC Annual Conference, Jacksonville, FL

November 8-10 SSMA Annual Convention, Birmingham, AL

November 28-30 NCTM Regional Conference, Chicago, IL

### 2013

**January 24-26 AMTE Annual Conference, Orlando, FL**

Online at  
[www.amte.net](http://www.amte.net)

Membership/  
Renewal Forms

2012  
Conference &  
Hotel  
Registration

Election  
Results

Position Papers

Position Listings

Resources

Other  
Opportunities

Comments, questions, and submissions for AMTE *Connections* should be directed to:

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**Winter 2011**