



TexMATYC News

Texas Mathematical Association of Two-Year Colleges

Dec 2013

TCCTA Conference – Math Section

By Sharon Sledge, San Jacinto College.

Please plan on joining us in San Antonio for the TCCTA/TexMATYC conference.

Thursday – Feb. 6, 2013

1:00 PM – 3:00 PM **New**

Mathways Project

Amy Getz, Charles H. Dana Center, The University of Texas, Texas

3:00 PM – 5:00 PM TSI Workshop: The Test, Pre-Assessment Activities, Bubble Students and Adult Basic Education

Melissa Schneider, Director of Testing Center, Temple College, Texas

Paula Talley, Director Student Success, Temple College, Texas

Friday – Feb. 7, 2013

9:30 AM – 10:15 AM **TSI Assessment Program –**

Where Are We and What About ABE/NCBO?

Terri Daniels, Senior Project Manager Texas Success Initiatives, Texas Higher Education Coordinating Board (THECB)



10:30 AM – 11:15 AM **Not Quite College Ready Options**

Jan Case, Professor of Mathematics, Jacksonville State University, Alabama

11:30 AM – 12:15 PM **Instructors' Insight into the Truth About New Mathways Project**

12:15 PM – 12:45 PM **NMP Reception, McGraw Hill Higher Education**

2:30 PM – 3:15 PM **Discovery Based Precalculus – OnRamps Project**

Mark Daniels, Clinical Professor of Mathematics and UTeach CNS, The University of Texas, Texas

3:30 PM – 4:00 PM **What's Up Now?!?!?**

Sharon Sledge, San Jacinto College, Texas

Cynthia Martinez, Temple College, Texas

Kathryn (Kate) Kocak, Vice President of the Southwest Region of AMATYC, Coconino College, Arizona

4:00 PM – 4:30 PM **ICTCM Reception, Pearson Higher Education**

Saturday – Feb. 8, 2014

9:00 AM – 9:45 AM **Mathematics in Real Life**

Eric Gaze, President National Numeracy Network, Director Quantitative Reasoning program, Bowdoin College, MN

10:00 AM – 10:45 AM **Best Study Skill Practices for Improved Student Success**

Elayne Martin-Gay, Department Mathematics, University of New Orleans, LA

Contents:

PAGE 2: From The VP - PAGE 3: AMATYC has much to offer - PAGE 4: Paula Wilhite - PAGE 5: Numberlines in MathType - PAGE 6: Joke of the Month, Contact Information



TCCTA 2014 Convention



**The 67th Annual Convention
Marriott San Antonio Rivercenter
February 6-8 2014
San Antonio, Texas**

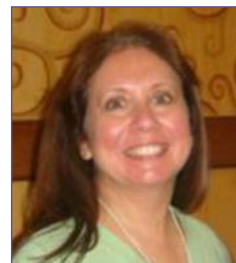
ICTCM Conference



**The 26th Annual Conference
Marriott San Antonio Rivercenter
March 20-23, 2014
San Antonio, Texas**
<http://ictcm.pearsoninc.com/>

From the TexMATYC VP

*By Cynthia Martinez, TexMATYC
Vice President*



Upcoming TCCTA/TexMATYC Convention in San Antonio

This year TCCTA will be held in San Antonio. TexMATYC organization will be holding some pre-conference workshops addressing TSI and NMP. We encourage you to make time to attend one or both workshops. The next two days will be filled with speakers discussing topics that will intrigue all. By being a member of TexMATYC you will keep up-to-date with all the changes that are occurring in math education.

Become an official member of TexMATYC

What a great way to stay connected! By being a member, you will receive a newsletter throughout the year highlighting topics that will interest you and your fellow faculty. On behalf of the Texas Mathematical Association of Two-Year Colleges (TexMATYC), we would like to invite you to become a member. With your membership and support, we plan to significantly increase our support for mathematics education across the state of Texas.

TexMATYC is a nonprofit educational association whose purpose is the following:

- to encourage the development of effective mathematics programs
- to afford a state forum for the interchange of ideas
- to further develop and improve the mathematics education and mathematics-related experiences of students in two-year colleges
- to promote the professional welfare and development of its members
- to provide the opportunity to study and keep abreast of new trends in mathematics



- to promote professional cooperation and communication between teachers and administrators for the realization of sound educational achievements
- to promote support for and involvement in the American Mathematical Association of Two-Year Colleges (AMATYC)

We want to know if you have ideas or concerns about our role as mathematics educators, so please do not hesitate to contact us – your input is valued and needed. As an institution recruit two faculty members from your department to join. The cost is minimal and the experience you will have is PRICELESS!

AMATYC has much to Offer

By Kathryn (Kate) Kozak, AMATYC Vice President for the Southwest Region



The American Mathematical Association of Two-Year Colleges (AMATYC) is the main professional development organization for mathematics teachers at two-year colleges. Part of its mission is to “offer multiple opportunities for the preparation and continuing professional development of a competent and

diverse mathematics faculty skilled in a variety of teaching modalities addressing different learning styles.” To fulfill this, AMATYC offers an annual conference, webinars, traveling workshops, an online community for members to discuss topics, a mathematics journal (*MathAMATYC Educator*), and a newsletter (*AMATYC News*). In addition, AMATYC has several position statements and guidelines that range from mathematics teaching to preparation of mathematics faculty.

If you were able to attend the AMATYC annual conference in Anaheim, I hope that you enjoyed it. I liked seeing all of you who were there. If you weren’t able to attend, next year’s conference will be in Nashville, TN, so you may want to start planning. In fact, proposals for sessions are currently being accepted at amatyc.org. The deadline is February 1, 2014. In addition, proceedings from the Anaheim conference are available online at amatyc.org. So if you missed the conference, or wanted to attend a session and weren’t able, go to the website and look to see if the proceedings are posted.

There is a webinar in December on how to get a job at a community college. If you weren’t able to attend, or know someone who would benefit from this webinar, you can still view the webinars. All webinars are posted on the amatyc.org site. In addition, if your college has some funds for professional development but can’t send everyone to a conference, consider bringing a traveling workshop to your campus. This way you bring the conference to you.

The current and previous issues of the *AMATYC News* are available at amatyc.org. Abstracts for the *MathAMATYC Educator* are also available there. Currently, the *Educator*’s past issues are not available, but with the redesign of the AMATYC website, there is now the ability to have a members-only section of the website. There is a task force that will be working on what items would be appropriate for a members-only section. Look for details in a future *News*.

The Developmental Mathematics Committee is working on a position statement called “The Appropriate Use of Intermediate Algebra as a Prerequisite Course.” In addition, AMATYC has a task force work on revising the “Guidelines For The Academic Preparation Of Mathematics Faculty At Two-Year Colleges.” Both drafts of the position statement and the guidelines have been sent to the affiliate presidents in the Southwest Region. Please contact your affiliate president to obtain a draft and give input.

As you can see, AMATYC is more than the annual conference. Consider joining or renewing your membership to AMATYC. It is easy to join, and you would be helping to support the mission of AMATYC.



Paula Wilhite



Paula Wilhite was one of four professors nationwide honored with the 2013 AMATYC Teaching Excellence Award at the recent 39th annual conference in Anaheim, California. This award is given biennially for excellence in the classroom, superior professional development, and outstanding leadership qualities.

President Jim Roznowski presented each recipient a medallion and a check for \$500 from Pearson during the opening session.

For eight years, Wilhite served on the executive board of TexMATYC and was elected president in 2008. She was appointed a member of the Course Design Team for the New Mathways Project at the UT Dana Center in 2012. Wilhite was the principal investigator for a National Science Foundation scholarship grant with a 94% success rate of graduation in STEM and co-principal investigator for a Robert Noyce scholarship grant with 4 of 5 participants placed in math/science teaching positions of high-need schools.

Since 1985, Wilhite has been a charter faculty member and professor of mathematics at Northeast Texas Community College (NTCC). One of her colleagues, Professor Leah Reagan, who is also a former student said, "Dr. Wilhite taught me the beauty of mathematics and instilled in me the desire to pursue math education. Her love for mathematics is contagious in the classroom because she is so enthusiastic in her teaching."

Associate Professor David Rangel added, "When I first began my career in higher education, she was my mentor. Her experience and knowledge greatly

benefited me in the decisions I have made in both my professional and personal lives. I quickly recognized her love and passion for teaching because of the importance she places on her students' mastery of concepts rather than merely recitation. She truly leads instruction in mathematics not only in words, but also in deeds."

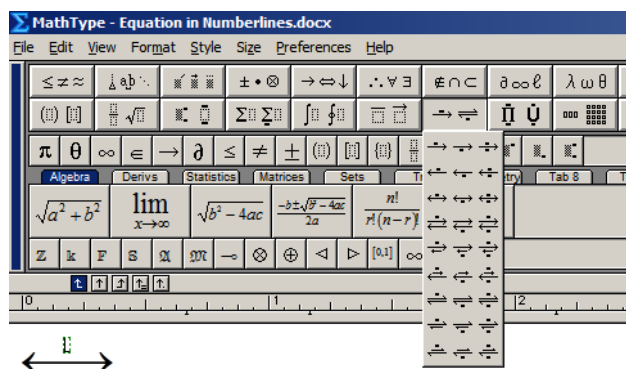
A former student who graduated from Texas A&M University-College Station with a B.S. in mechanical engineering wrote, "Dr. Wilhite was not just a professor who instructed him in calculus. She was a great friend who used calculus as a tool to show him how to be successful in life through confident persistence."

In 2004, Wilhite was awarded the TexMATYC Teaching Excellence Award. In 2005, 2006, and 2010, she was recognized for teaching excellence at NTCC. In addition, she was a 2009 distinguished alumnus for the Department of Mathematics at Texas A&M University-Commerce.

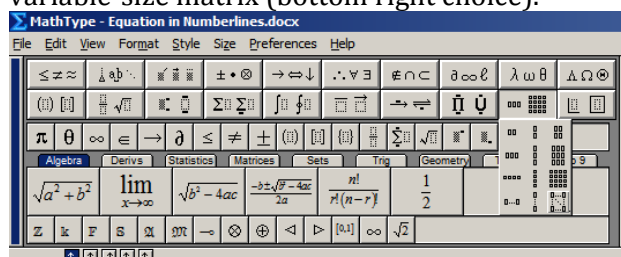
The three other recipients of the 2013 Teaching Excellence Award were Ed Gallo (Sinclair Community College), Rodney Null (Rhodes State College), and Mark Omodt (Anoka-Ramsey Community College).

Numberlines in MathType

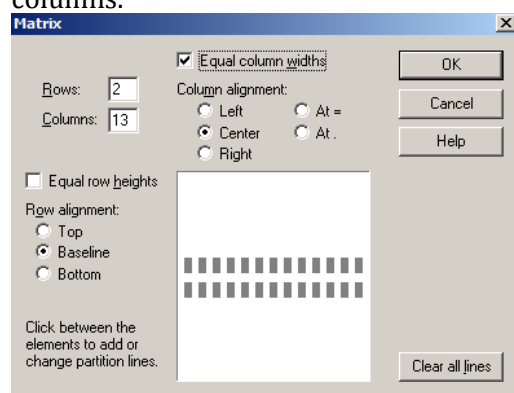
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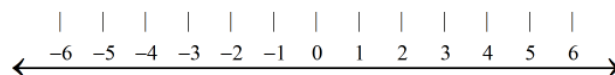
2. Use the “matrix template” and select the variable-size matrix (bottom right choice).



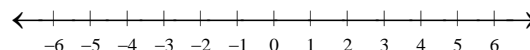
3. Choose 2 rows and an odd number (e.g. 13), of columns.



4. In each cell of row 1 of the matrix type a vertical line “|” from your keyboard. In row 2 of the matrix type your numbers.



5. Highlight the matrix, press “Ctrl” and the arrow down key to move the tick marks onto the line. The numbers may vanish but they will show when you close the window.



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Joke of the Month

Ralph: Dad, will you do my math for me tonight?

Dad: No, son, it wouldn't be right.

Ralph: Well, you could try.



(Boy's Life, May 1973)

Got News?

If you know of any exciting news in mathematics, have it published in your TexMATYC newsletter. Submit articles to Heather Gamber at heather.a.gamber@lonestar.edu.

Visit us at www.texmatyc.org