

ArizMATYC NEWS

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JUNE 2008

A Message from the ArizMATYC President

The Joint MAA/ArizMATYC Spring 2008 conference hosted by ASU at the Crowne Plaza San Marcos Golf Resort in Chandler featured presentations of interest to both university and community college attendees. Since I retired from teaching a few weeks after the conference, I would like to thank all of you who have made my 11 years with ArizMATYC a wonderful time.

I am especially grateful to Anne and David Dudley, our steadfast founders, whose kindness and generosity are legendary. My mentor (or is it tormentor), Dan Russow, who talked me into this job and was always there to help and advise. Kate Kozak, whose creative ideas flow like a waterfall and who is always willing to lend a hand when there is something to be done. Sue Jensen, a dear friend, who manages to collect and put together enough stories to publish the newsletter twice each year. Jennifer Jameson, who somehow could always capture the essence of our discussions and distill it onto a piece of paper.

Howard Speier, who reminded me there was always somewhere else for ideas to go. David Graser, who was always willing to listen and suggest. Tom Anderson and his son Scott, who combine astonishing creativity and logic in new and unusual ways. Terry Glasser, amazingly energetic and cheerful. Alan Jacobs, an inspiration and role model of the best kind. Di Duan, a good friend and travel companion. Keith Worth, steadfast and adventurous. Ray Battee, giving me insights from his rural area. TeChien Chen, who always strived for perfection. Debra Green, who never stops demonstrating her concern for students. Adam Stinchcombe, who dares to be different. April Strom, who helped me understand students and teachers by sharing her research and ideas. Laura Watkins, kind and caring about everyone. Ana Jiménez, whose many thoughtful questions stimulate critical thinking. John Hagood, whose whimsical sense of humor can put everything in perspective. Dennis Shaw, who is always there when you need him. Barbara Armenta, who was there from the very beginning. Mary Sibayan, who stepped in and showed her talent as a great planner and organizer. Frank Attanucci, who reminded me that there is more math than we see on the street. Dean Holbrook, who pulled together a fine conference with astonishing speed. And last, but certainly not least, my heir, Ken Hurley, who willingly picked up my torch and carries it splendidly.

There are so many more who helped and encouraged me. If I missed you, please add your name to the list, and whatever good thing you think of to say about yourself, I'm sure it is true. I am grateful to you all for the things you taught me and the time we spent together becoming better math teachers, sharing our insights, experiences, and ideas. It has been a great pleasure to serve as your president for the past two years, and I shall always remember the many wonderful times we have shared.

Shay Cardell

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AMATYC Student Math League

National and regional results for the 2007-2008 Student Math League competition have been announced.

Arizona teams participating in Round 2 placed as follows in the South-west Region:

2	Pima Community College	67.5
3	Mesa Community College	67.0
12	Phoenix College	12.0

Arizona students who scored highest in Round 2 ranked as follows:

2	Yannan Liang	Mesa CC
4 (tie)	Victoria Washburn	Pima CC
16	Glenn Jackson	Mesa CC
18 (tie)	Christopher Martin, Peter Saliba	Pima CC

Overall team results, combining Rounds 1 and 2, are

2	Pima Community College	181.0
5	Mesa Community College	164.0
13	Phoenix College	66.5

Highest overall individual results are

3	Yannan Liang	Mesa CC
12	Christopher Martin	Pima CC
14 (tie)	Garrett Hawes	Pima CC
16	Christopher Leon	Pima CC
19 (tie)	Earl Guenther, Michael Leger	Mesa CC

Congratulations to these individuals and to all who participated in the exams during this academic year. Also, thanks to those faculty who make the competition possible at their colleges.

Now is the time to plan to participate in the 2008-2009 Student Math League competition. The cost to register your college team is \$35; the registration fee is waived if your college is an institutional member of AMATYC. A college moderator is required – someone who is willing to make a few photocopies, advertise and proctor the exam, and report the scores to the national moderator. This is a simple way to introduce students to competitive exams and to encourage them to have some fun with math. There is even a similar competition for faculty at the national AMATYC conference every fall. Rules for the student competition and more information is available at the AMATYC website (www.amatyc.org).

We need your news for the newsletter! Mail articles to Sue Jensen at Pima Community College
8181 E. Irvington Rd.
Tucson, AZ 85709-4000

Or e-mail to
sjensen@pima.edu

ArizMATYC Campus Reports — April 18, 2008

Northland Pioneer College:

- Using the SmartBoard to help deliver distance learning. Students at local and remote sites and instructor can all write on the board and see what is being written.

Chandler-Gilbert Community College:

- Growing 7% to 10% each semester.
- Requiring 60% score on a common final in order to pass.
- Using Mathematics in Action for developmental classes.
- Using Harvard Consortium text for College Algebra and above.
- Offering 8 to 10 online classes—requiring orientation twice per semester for online courses.

Eastern Arizona Community College:

- Offering fast-paced sections.
- 5.25 % salary increase for next year.
- Offering College Algebra online in the fall for the first time—using Educo system.

Arizona State University, Tempe Campus:

- Change to MAT 270—3 lecture hours plus 1 hour student breakout sessions.
- Offering Math for Business Analysis online.

Arizona State University, West Campus:

- Online stats course STP 226 doing well with good enrollment.
- Second phase for BA for Applied Math and Statistics in place for Spring 2009—includes a Capstone project.

Pima Community College:

- Working with modules for developmental classes—not working very well because teachers change every
- Hiring freeze may be coming—not rehiring retirees.

Glendale Community College:

- Enrollment dwindling—100% of daytime courses being taught by full-timers.
- Working to clear up calculus issue so transfer guides can be updated for four different calculus classes taught at ASU.

Central Arizona Community College:

- Hiring two new faculty for fall.
- Shay Cardell is retiring.
- Will be hiring new department chair.

continued

Spring 2008 Campus Reports, continued

Scottsdale Community College:

- Currently hiring.
- Faculty member received doctorate.
- Taking part in grant—working with Yavapai County schools to enhance teachers' credentials.

University of Arizona:

- Changing calculus program to route students through pre-calculus.
- College Algebra will now be 3 units (course number changing from 110 to 112).
- Put aside Math for Data Analysis for now.
- Creating new College Algebra (MAT 112) primarily for Social and Behavioral Sciences, Political Science, and Business/Statistics students.
- MAT 115 A,B Business classes are replacing Finite Math and Brief Calculus.
Students can also take Calculus I and II for this, or U of A will accept Finite Math and Brief Calculus for transfer students, or will accept ASU's sequence of Finite Math and Brief Calculus.
- Creating new stats course—300 level course for math minors—coming from the College of Science students.
- Trying a free pilot of ALEKS placement in the fall.
- Representative handed out document on Institute for Mathematics and Education.
- Representative handed out document on outlines for Math for Elementary Education.

Coconino Community College:

- Revamping developmental sequence—adding Pre-Algebra. New course numbers will be
MAT 082 Arithmetic (initially CCC thought MAT 055—taking group's advice for MAT 082)
MAT 086 Pre-Algebra (initially CCC thought MAT 082—taking group's advice for MAT 086)
MAT 092 Beginning Algebra
MAT 121 Intermediate Algebra
- Changing Differential Equations to 4 credit hours and adding projects.
- Telescope donated to the college.
- Wind turbine to be put up on 4/19/08.
- New president this year focusing on shared governance—will now have College Council and many other changes.
- Created a separate Elementary Education sequence with lower prerequisites for NAU students.

Yavapai Community College:

- Looking into using MyMathTest for placement.
- With this program, the students take the test, then have a 3-week period of time to go through an online refresher, and then take the test again.
- Using MyMathLab for all classes.

continued

Spring 2008 Campus Reports, continued

Arizona Western College:

- Vote of no confidence occurred for the V.P. of Instruction and that person was removed.
- Faculty input is being sought more now.
- Working on grant—2 new instructors emphasize developmental math with diagnostic testing and competency modules.

Two math buildings with math learning center and 7 classrooms with computer screens that go in and out of the desks. 40% increase in math FTSE over last 7 years.

- No math for Elementary Education classes online.
- Working on online assessment.
- Tuition increase.

Diné College:

- Enforcing common finals in all classes.

Northern Arizona University:

- Enrollment is up—admissions for fall up 20% this year.
- Received platinum certification for one building and gold certification for some other buildings based on green building.
- U-teach grant through UT Austin—increase the number of math and science teachers.
- STA 270 online in fall.
- MAT 114 online.
- Currently hiring—4 lecturers, statistics position, actuarial position.
- Dr. Michael Ratliff passed away this year. Department trying to honor his memory and cope with the loss.

No campus reports were received from Estrella Mountain, Gateway, Mesa, Mohave, Paradise Valley, Phoenix, Rio Salado, South Mountain, Tohono O'odham, and South Mountain colleges.



ArizMATYC Business Meeting
ASU—Crowne Plaza San Marcos Resort
Friday, April 18, 2008

Meeting convened at 3:10 pm.

1. Approval of minutes from Fall 2007 meeting

Motion to approve, 2nd to approve, no discussion or corrections, minutes of fall 2007 meeting approved.

2. Reports

- A. Treasurer: No report. Question: does ArizMATYC receive funds from the joint conference with the MAA? Answer: yes, a portion of it.
- B. Newsletter: Soon after the meeting, please send articles, minutes, etc. Mail a postcard that newsletter is ready and when the next meeting is. Mail this about 1 month before the fall meeting. Anne Dudley volunteered for this.
- C. Webmaster: Send articles to Shay Cardell to post on the website. For the online directory, it might be nice to have an alphabetical list of names. Suggestion to let people know that they can use their “find” function to search for a specific name.
- D. Historian: No report.
- E. President-Elect: Anne Dudley probably doesn’t want to be the treasurer anymore. Jenni Jameson can not be secretary for the next term. President-elect will send out an email to the distribution list asking for candidates for secretary, treasurer, and president-elect. Eli Blake volunteered to be a candidate for secretary. Some have heard that non-profits are now supposed to fill out a tax form for the IRS that we have not had to complete in the past. Jenni Jameson volunteered to consult with CPA Paige Campbell about this. If we do have to fill out the form, then we may want a CPA to do it for legal reasons.
- F. Past-President: No report.
- G. President: Congratulations to Kate Kozak for becoming the AMATYC newsletter editor. Kate is doing a “Focus on Affiliates” piece for the newsletter; she’ll do ArizMATYC first to show what it will be like. Would like to put in tips on how to run a conference.

3. Future Meetings

Fall 2008 — Eastern Arizona College on October 3, 2008.

Spring 2009 — Mesa, Phoenix, Estrella, Rio Salado? David Dudley will ask James Souza to possibly co-host with Mathapalooza.

Fall 2009 — Coconino Community College

Spring 2010 — Scottsdale Community College (joint with MAA)

Spring 2011 — maybe Arizona Western College

Suggestion to hold Fall meetings in urban areas and Spring meetings in rural areas because there are larger ATFs in the fall.

continued

ArizMATYC Business Meeting Minutes, continued

4. **Revise Constitution and Bylaws**

Motion to approve changes to Constitution and Bylaws, 2nd to approve. Discussion about legitimacy of voting: We need 10% of membership present and meeting has to be announced ahead of time. Both of these are conditions are met so voting ensued — motion to approve changes to Constitution and By laws passed.

5. ***Beyond Crossroads* Implementation in Arizona**

Debra Green sending out call for proposals for the fall 2008 conference. Maybe have a theme of connecting with K-12 teachers for fall 2008. Comment to be wary of using tax dollars to pay for food for non-ATF members. Possibly work on publishers funding the lunch. Get a head-count to Debra Green ahead of time to arrange food and facilities. Do pre-registration to help with head-count. Invite high school teachers for afternoon. Ask Debbie to come and talk about the P-20 council — President of Eastern Arizona College will be supportive of this.

6. **AMATYC 2008 Hospitality Donation**

How much money should we donate? Maybe the zip code of the hotel? Too much. Motion to send a Ben Franklin (\$100); second to send a Ben Franklin (\$100); motion passed.

7. **2009 Teaching Excellence Award**

Deadline for nominations for teaching excellence award is 12/8/2008. If questions, ask Robert Farinelli; contact information on AMATYC website. Also, the form is on the AMATYC site.

ArizMATYC is nominating Shay Cardell because she has been very active, we are impressed by Shay's math contest, and she is retiring. Shay — you need to update your vitae.

8. **ArizMATYC Webmaster Position**

Send out an email asking for volunteers for this position. Shay will still do this until someone else is chosen.

9. **Candidates for AMATYC Positions**

President-Elect, Treasurer, Secretary, Regional Vice-President, Editor and Production Manager for new Journal, Affiliate Website Director; See AMATYC website for more information about these positions.

10. **Other**

Motion to adjourn, second to adjourn; passed. Meeting adjourned at 4:00pm.

Respectfully submitted,
Jennifer Jameson, Secretary

33rd AMATYC Annual Conference – “Building a Better Tomorrow”
November 1-4, 2007– Minneapolis, Minnesota
Delegate Report from Ken Hurley

The 2007 AMATYC conference was another professional experience of another TiME and another place.

It was at another place because of Hurricane Katrina. The conference was to have taken place in New Orleans at the south end of the Mississippi River. But the conference hotel was not finished with its repairs, so AMATYC moved toward the north end of the Mississippi, and Minneapolis became our conference city. The “local” conference team from Louisiana worked from a distance while the Minnesota team worked with very short planning time. All in all, with all working together it proved to be another great conference for me.

It was of another TiME for several reasons. For me, my flight arrived just in time for me to attend the opening session with speaker Pat McKeague. His easy manner and calm approach made his topic, “What a Difference Five Minutes Make,” a pleasure to experience. He definitely made mathematics interesting to me as he shared how he uses five minutes of each class to make math interesting to his students.

On Friday, the good times began with our Southwest Regional breakfast and meeting. Kathy Mowers, the AMATYC president, accused our region of having a group of overachievers. Our region continues to be active at the national level. Also on Friday I was able to “give back” to my organization by presiding at the Faculty Math League contest. About 50 two-year college math faculty members took the challenging test created by Steven Blasberg. Later on Friday I was able to attend several sessions. One was “My Secret Function” by Kathleen Lopez. It never fails that you can find ideas to incorporate into your own teaching style from the various sessions.

On Saturday, the good times continued with the traditional morning breakfast. There was another great speaker, Dan Kennedy, of the Baylor School in Chattanooga, Tennessee. He shared with humor and in an interesting manner about how he worked with the television show, NUMB3RS. Later on Saturday I was able to give my presentation. It is always good to do a presentation and meet the kindred spirits who embrace your topic.

TiME also was important later that evening as the delegates voted on the new position statement brought to us by the TiME committee. The new statement encourages us to explore and study new technologies as they become available so that the best teaching and learning can take place for students in mathematics. Frank Wilson from Chandler-Gilbert chaired the committee and did a great presentation about the position statement.

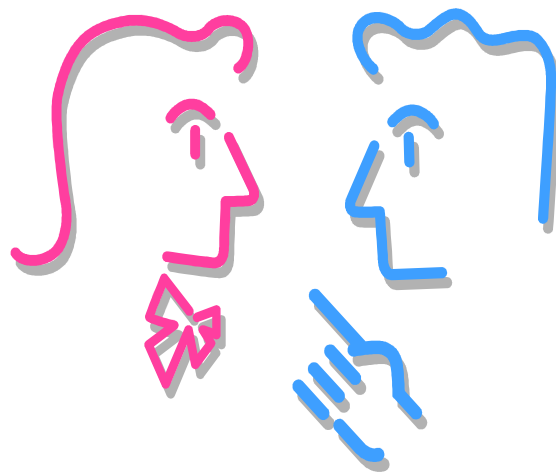
Later that night I was able to experience another time, as we experienced the time change from daylight savings time back to standard time. It is good that we let the clocks fall back an hour. It is a great way to get an extra hour of sleep during a convention. So, all in all, I had a great time of learning and sharing. Now upon my return I continue to reflect about the conference so that I can change and grow as a professional.

Mark your calendar and plan now to attend:

34th Annual AMATYC National Conference
November 20 – 23, 2008
Washington, D.C.

“Washington D.C. – A Monumental Place for Mathematics”

Follow the link on the ArizMATYC web page to learn more about the conference:
www.arizmatyc.org



YOU Can Help to Strengthen ArizMATYC

Are all of your colleagues ArizMATYC members? If not, encourage them to join now. Ask them to send their name, college, contact information and \$5 to

Anne Dudley, ArizMATYC Treasurer
Glendale Community College
6000 West Olive Avenue
Glendale, AZ 85302

Questions about ArizMATYC? Call Anne at 623-845-3389