

ArizMATYC NEWS

VOLUME 3, NO. 1

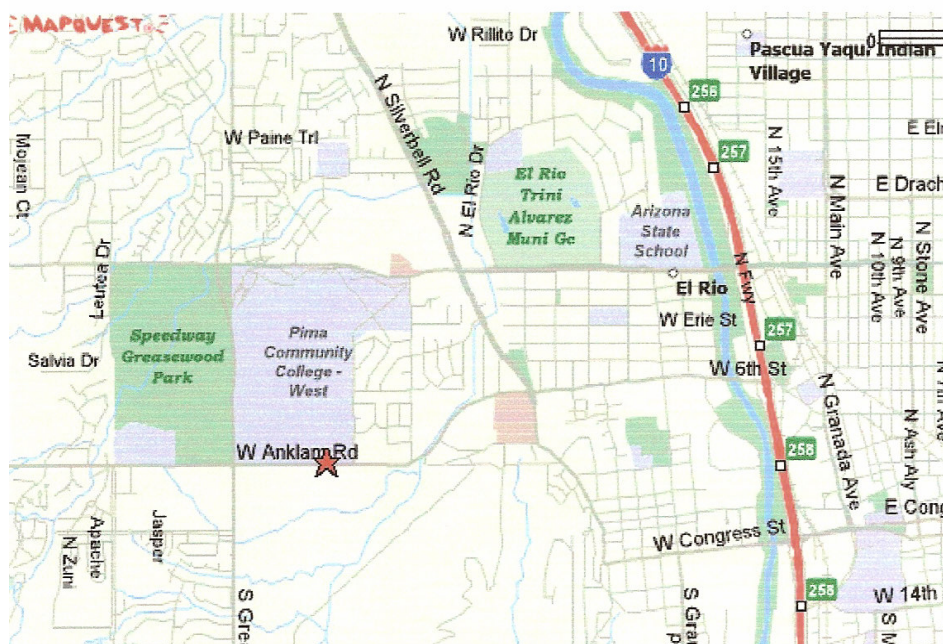
APRIL 2005

ArizMATYC Fall Meeting at Pima Community College

The Fall 2005 meeting of ArizMATYC will be held on Friday, October 7 at the West Campus of Pima Community College in Tucson. The program will include sessions on mathematics, the teaching of mathematics at all levels, and various workshops, plus the annual ArizMATYC business meeting and the statewide Mathematics ATF meeting. Conference activities will begin at 8:00 am and end about 3:00 pm, followed by a no-host Happy Hour at a location to be determined.

If you have suggestions for conference speakers, or if you would like to make a presentation, please contact Mary Sibayan at msibayan@pima.edu as soon as possible.

The West Campus of Pima Community College is located west of I-10 at 2202 West Anklam Road.



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2005

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President's Message

The Spring ArizMATYC Conference at Chandler-Gilbert Community College was a great success. The conference was well attended, excellently organized, and featured everything from informative break-out sessions to a very nice lunch and many door prizes. The Saturday following the conference featured a traveling AMATYC workshop, as well as a Maple workshop and a software presentation. Congratulations to Chandler-Gilbert and thank you for providing us with such a fun and informative event.

Besides all of the door prizes given away by Chandler-Gilbert (and believe me, there were many), 3 USB jump drives were given away at the ArizMATYC business meeting. One was selected from faculty who encourage strong membership at their colleges and the winner was Joyce Janiga from Paradise Valley CC. Besides Paradise Valley CC, Coconino CC, Chandler-Gilbert CC and Arizona Western College all have 100% membership for their full-time faculty, as well as several part-time faculty members. **The second jump drive went to a member chosen from the ArizMATYC membership list and the winner was David Williams from Paradise Valley CC.** The final drive was given to a member present at the business meeting and the winner was Felicia Lindor of Chandler-Gilbert CC. The giveaways were well received and we would like to continue the tradition at future meetings.

Speaking of membership, I would like to thank all of our new members for joining ArizMATYC and also all those who worked so hard to recruit them. Our membership has seen a significant increase and it is great to have you all join us. If you have any questions, comments, concerns, or suggestions as to what you would like to get out of your membership to this organization, please feel free to contact any board member. We are always open to new ideas and requests.

Our next meeting will be the fall conference at Pima Community College (West Campus) on October 7, 2005. This meeting will coincide with the mathematics ATF meeting. We hope to see you all there. Have a great summer!

Dan Russow

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
Susan.Jensen@pima.edu

AMATYC Student Math League Final Results 2004–2005

Four Arizona teams reported scores for both Rounds 1 and 2 of the AMATYC Student Math League during this academic year. The four teams, listed by rank in the Southwest Region, are:

T2	Pima CC
4	Glendale CC
8	Phoenix C
13	Mesa CC

Top Arizona students are listed by rank in the Southwest Region:

1	Kiet Hong Nguyen	Pima CC
T5	Allan Foster	Glendale CC
T10	Ed Sutton	Glendale CC
T10	Yang Xuan	Phoenix C
12	Phillip Scott Anderson	Phoenix C
14	Joseph Pursley	Pima CC

Congratulations to all of this year's Student Math League participants!



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

ArizMATYC Business Meeting
Chandler-Gilbert Community College
February 25, 2005

Meeting convened at 1:05 pm

Corrections and Approval of Minutes from last meeting. Motion to approve the minutes from the last meeting, second for the motion, unanimous approval of the minutes from the last meeting

Reports

1. Treasurer: (See Anne's report on page 7.) Moved money into new accounts (used to need signature card).
Need to pay the Dudleys for the jump drives
2. Newsletter: Secretary to send campus reports and minutes. Please send interesting tidbits about your colleges or about teaching and learning for the newsletter; newsletters are on the website: www.arizmatyc.org.
3. Secretary: Secretary to write impressions of articulation discussion from earlier meeting. Send any future electronic campus reports to the secretary at jennifer.jameson@coconino.edu
4. Webmaster: List your job openings and textbook forms. Email Shay Cardell at Shay.Cardell@centralaz.edu if not on list serve. Option for bulletin board. Let Shay know if something goes wrong. Will send out a message when the list serve is updated. Could have a list serve or bulletin board discussion about things like "Reasons for dropping MyMathLab."
5. President-Elect: No report
6. Past-President: Dylan is walking and running Thanks Kate
7. President: No Report

New Business

1. Delegates

Job description: ArizMATYC responsibilities are to attend AMATYC, vote at the delegate assembly, provide a summary of meeting. AMATYC responsibilities are to work to find campus reps around the state and encourage membership. Note: In Texas, 75% of colleges have campus reps. Will share with delegates how they were so successful at this. Motion to re-appoint Howard Speier and Quincy Magby as delegates, second for motion above, unanimous vote to re-appoint Howard Speier and Quincy Magby as delegates. Affiliate delegates are President Dan Russow and President-elect Shay Cardell.

2. Campus Representatives

Need these to get updates from colleges, spread information about the meetings, and send electronic campus reports. Quincy working with AZ association of math teachers to work together. Campus reps don't have to be AMATYC members. Anne Dudley volunteers for Glendale CC, Kate Kozak for Coconino CC. Volunteers will sign up on college list. Delegates need to go to the AMATYC conference so maybe we need alternate delegates just in case. NCTM/Duluth registration fee \$140 plus \$25. Maybe have a joint meeting with high school or elementary school teachers. How can we join with AATM? Maybe contact the president. We could publicize each others' meetings. Dan will invite them to the next meeting Should have sessions geared to them. Just invite them and send a call for presentations. In New Mexico, they always send out fliers to local high schools.

3. AMATYC dues

Dues will increase on 7/1/05 (individual now \$60, will be \$75) AMATYC dues and ArizMATYC dues do not cover one another. Can register for AMATYC online. Institutional membership includes free national advertising for job searches, etc. Institutional membership is raised by a formula and is set for 2 years (now \$300, going up to \$415 next year).

4. Meeting schedule

Fall, 2005 meeting on 10/7/05 at Pima West (1 day conference). UA will host in Spring 2006 during the first weekend in April (date not yet set). This meeting will also be with MAA. Fall 2006 possibly at Central Arizona College

5. Membership

Good. We have been at about 80 members for years, now up to 137 plus 25 today. Need membership to be higher to get more delegates. Need 50 members of both ArizMATYC and AMATYC for 2 delegates, and 25 for each additional delegate (set for 2 years) How do we keep the membership up? Campus reps can be very helpful. The list serve is being used. Send out an actual newsletter (not just online). Stopped doing this because the institution where the newsletter editor works has to pay for copying and postage. Maybe ArizMATYC should pay for this. Send a postcard to remind people that their membership is up. Remind them of the perks of membership and the website. The campus reps could print out the postcard and/or the newsletter to help defer costs. Send out more information about the articulation meeting and business meeting to new members. Follow up on campus reports with handouts – call presenters after. Shay can post handouts on website. Ask for electronic copy before presentation occurs so it can be put on the web.

6. Invited speakers for future meetings

This would help to keep members and make the meetings more of a conference. Compile a list of good speakers. Do questionnaire to ask people what they would like to see and what great speakers they've heard. Panels can be interesting. The book companies pay for authors to come speak (provide them lunch). Pat McKay, John Hornsby (math in movies), good for either sessions or keynote. Gilbert Spring. Contact our members on their research interests. MAA and AMATYC have speakers lists. Does ArizMATYC want to pay for a \$50 gift certificate to give to speakers? Speakers from within the state shouldn't take an honorarium. Speakers from the federal government, NSA, etc. Invite someone from ASU college of engineering about changes, UA session from a business teacher about their changes. National pollster – math on the job, search and rescue information, Consortium Calculus 20 years later. Conference organizer in charge of this with support. Maybe encourage organizers to get a keynote. In the future, have a program committee.

7. Project ACCESS

Will be in newsletter, deadline 7/1/05.

8. Vote to approve sending funds to the hospitality room in San Diego

Theme of AMATYC national conference in San Diego: Riding the Wave. Motion to send \$110.10, second for the above motion, unanimous vote to send \$110.10.

9. Directory

Tried to get information from colleges to update the Arizona math directory. Didn't hear from ASU West, Gateway CC, Grand Canyon University, NAU, Paradise Valley CC, Rio Salado CC, Scottsdale CC, South Mountain CC, Tohono O'odham CC. Stars in the directory show ArizMATYC members. If we can't find a campus rep, we could ask for an adjunct faculty member to be the campus rep. Start including adjunct faculty more.

10. Historian

Job description: take pictures, keep information from the past conferences, keep track of past officers, etc. Quincy Magby wants to be the photographer. We need to gather conference materials—put it out to list serve.

11. SW Regional AMATYC Conference

Last one was 7 or 8 years ago. Texas expressed interest in hosting. Originally Summer 2006, but too hot in Texas then, now thinking Spring 2006. We have an MAA regional in April, 2006. Questions: Do we want a SW Regional AMATYC conference? When do we want it? Maybe we could have a SW Regional meeting with all affiliates sharing the responsibilities equally (AZ, NM, TX, and OK). This hasn't been done with all affiliates in region working together to organize a regional conference. Maybe May so the semester is over. NMMATYC has conference in May. Have to make decision and get approval by AMATYC board meeting in April. Could also meet with MAA meeting. Meetings are probably already scheduled. If Texas is the host, let them host; they do have air conditioning. Recommend in May or 1st week in June. Early June is the idea. Motion to support Texas and SW region in planning a SW Regional AMATYC conference, second for above motion, unanimous decision to approve the motion.

Good of the Order

1. Jump Drive Raffle

Rewards for colleges who drove up 100% membership. Continue raffling jump drives for new people at future meetings.

New membership raffle winner: Joyce Janiga, Paradise Valley CC

ArizMATYC membership list (137 members, random number of 134 selected from calculator)

Winner: David Williams, Paradise Valley CC

Business meeting attendees (random number of 26 selected from calculator) Winner: Felicia

Lindor, Chandler-Gilbert CC

We're energized and doing great things. Executive board members keep it up.

Meeting adjourned at 2:37 pm

Jenni Jameson, Secretary

ArizMATYC Treasurer's Report Spring 2005

Checking	Fall 2004 Balance	\$1,001.86
	Income	\$1,330.16
	OutGo	<u>(\$1,533.00)</u>
	Spring 2005 Balance	\$799.02
Savings I	Fall 2004 Balance	\$1,057.66
	Interest	<u>\$0.36</u>
	Spring 2005 Balance	\$1,058.02
Savings II	Fall 2004 Balance	\$4,063.61
	Interest	\$0.99
	Transfer	<u>(1,000.00)</u>
	Spring 2005 Balance	\$3,064.60
Cash on Hand		\$95.00
	Stamps purchased	<u>(7.40)</u>
	Balance	\$87.60
Final Balance		\$5,009.24
Change since Fall 2004		\$(1,208.89)

Checking Account Details

Income	Interest	\$0.16
	Memberships	\$330.00
	Transfer	<u>\$1000.00</u>
		\$1330.16
Outgo	SMLC Winners	(\$500.00)
	Delegates	(\$1020.00)
	Service Fee	<u>(\$13.00)</u>
		(\$1533.00)

I've just consolidated our funds to two new accounts.

Respectfully submitted,
Anne Dudley, Treasurer

ArizMATYC Meeting at Chandler-Gilbert Community College on 2/25/05

Campus Reports

ASU: Lowered class sizes in Pre-Calculus and College Math to 19. Received a net gain of 15% from this.

Arizona Western: \$75,000 bond passed in November for new science and agricultural complex, Old science buildings renovated and will house math department, One full-time position for fall (math/science instructor for Parker campus), Rita Brown will move to main campus, Finite Math, Brief Calculus, and Statistics online for fall using the Blackboard based WebTutor; Already have College Algebra, Pre-Calculus, Calculus I and II online

Central Arizona: 9 full-time faculty, 25 adjunct faculty; Pinal County projected to have 1.2 million population by 2025; \$435 million bond for 2 new campuses and a couple of centers for Fall, 2006; 2 new full-time faculty positions for next year (not yet approved); Working on a grant with Coolidge/Florence K-12 teachers to improve their math teaching skills; Third year of a SEMA grant with NASA to work with K-12 schools; Integrated studies, for example, teach math together with English, social studies, or computer science

Chandler-Gilbert: Hired math ed. Specialist; Have the Gateway test (10 skill-based questions); Common finals for Arithmetic through Calculus I focusing on critical thinking; Dual enrollment; Junior high math contest had 300 students involved; Have a special math and engineering week called MEOW; Emergent scholars banquet for students with 3.7 gpa or higher; Adjunct faculty development program with banquet and certificate; Honor calculus student with a division award; Two faculty getting their PhD's

Cochise: 2 new department chairs, 2 new full-time math faculty positions (asked for, will probably get 1); Changing Calculus texts; Currently offering Calculus I online for the first time; Calculus II will be offered online this summer; Doing program review and assessment with pre/post tests

Coconino: First graduating class of nurses this spring; Assessment ongoing and will be developing multiple choice content tests; Holding a math symposium for adjunct faculty to discuss ways to increase student skills in graphing and word problems and to increase student appreciation of math; No new math faculty for fall; Lowell observatory donating telescope with dome to CCC; Working with NPC to develop online modules for College Algebra and other math topics; Replacement position at Page Campus

Diné: Sharon has retired; 1 replacement position and 1 new position in arithmetic; Question about what exactly constitutes College Math

Eastern Arizona: 3 new faculty positions (asked for, will probably get 1); Struggling with College Math prep; Possibly become a 4-year college

Embry-Riddle: Need developmental math; Intermediate Algebra (100 level class—elective credit); Looking for Math Ed PhD for next year; New buildings; Struggling with placement; Trying a tech based Intermediate Algebra class

Gateway: 1 new position and 1 replacement position for next year

Glendale: Hired 2 new people; New texts for Brief Calculus, Finite Math, Beginning Algebra, Intermediate Algebra, and Pre-Calculus; Totally wireless campus; STEM club is very active with guest speakers on Fridays (STEM = science, technology, engineering, math)

Mesa: 2 new positions (1 already filled and the other one at the East campus); Working with ASU on the new sequence for business students, MAT 210 and 211, won't be Brief Calculus and Finite Math.

continued

NAU: Using MyMathLab for the last time; Using WebWorks in College Math, Pre-Calculus, Finite Math, all Calculus, Linear Algebra, and Statistics; Changing College Algebra (MAT 110). Will now have College Math as the pre-req. for Finite Math, and a new course (MAT 108) as the pre-req for Pre-Calculus; Computer Science becoming part of the department; MAT—online program; Abstract Algebra online for MAT, Analysis online in the fall.

Northland Pioneer: New president; Problems in Algebra sequences; Changed cut scores to get more people into the two-semester College Algebra instead of one-semester; Dual enrollment for Intermediate Algebra; Moving to EDUCO

Phoenix: Three new faculty this spring; 1 sabbatical replacement; New president and new dean

Pima: Began computer enforcement of math pre-req's Fall 2004; Have a couple of openings; New Algebra texts; Hosting ArizMATYC meeting next fall at West Campus

Scottsdale: 2 new hires; Working on a grant to work with 5th grade teachers in Scottsdale schools and on the Reservation; 17 or 18 million from the Crestmont Group

South Mountain: 4 new people (2 full-time); 3 sabbaticals from their division; Math Camp or Star Camp is a 2 week intense review in the intersession (review for placement test)

Yavapai: \$60 million bond for a new building; President gone (have temporary president); Questions about College Algebra vs. College Math; Course surveys for students about their attitudes and what they need

Mary Robinson (SWVP, AMATYC): Appointing new state delegates; Dues going up for AMATYC after 7/1 to \$75; San Diego AMATYC conference 11/10/05 through 11/13/05 (good hotel rates); Still have Summer Institutes; Can go to AMATYC website for information: www.amatyc.org; 137 members in ArizMATYC now; Can go to the ArizMATYC website for information: www.arizmatyc.org

No campus reports received from ASU West, Estrella Mountain, Grand Canyon, Mohave, Paradise Valley, Rio Salado, Tohono O'odham, UA

