

ArizMATYC NEWS

VOLUME 10 ISSUE 1

JANUARY 2012

President's Message

Dear ArizMATYC Colleagues,

I want to start by congratulating everyone on a successful fall season. ArizMATYC hosted a wonderful fall conference at Estrella Mountain Community College, expertly organized by Natalie Rivera. The conference included a free WebWork workshop and informational sessions.

A warm congratulation goes out to our very own Kate Kozak for winning the election for AMATYC Southwest Regional Vice President.

I am proud to announce that the ArizMATYC Executive Board selected Maya Lanzetta as the 2011 AMATYC Scholarship recipient. The scholarship covered the cost of early registration at a member's rate. Maya is a member of the newest Project ACCESS cohort and, as an ACCESS fellow, is in her first three years of teaching mathematics full-time at a two-year institution and had never attended an AMATYC Conference before. Be sure to extend a warm "hello" to Maya when you see her at upcoming conferences and events as she completes her two-year fellowship. » [Learn more about Project ACCESS](#)

Finally, ArizMATYC is celebrating a newly designed website. The website still provides access to a newsletter archive, Arizona math departments, and Beyond Crossroads Live; however, there are several new features including a Jobs page, hot topics, and recent announcements. Visit www.arizmatyc.org to view all of the hard work our webmaster, David Graser, has devoted to our organizational website.

Spring is upon us, with exciting changes in developmental mathematics redesign throughout the state, ever-changing technology, and a push to reconsider the online experience for our students. ArizMATYC is excited to join the Southwestern Section of the Mathematical Association of America (MAA) and the Southern Arizona Undergraduate Mathematics Research

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www.arizmatyc.org

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We need your news for the newsletter! Mail articles to Sue Jensen at Pima CC, East Campus
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Or e-mail to

sjensen@pima.edu

President's Message, continued from page 1

Conference (SUnMaRC) in holding our spring conference. The Joint ArizMATYC/ MAA/ SUnMaRC Conference is to be held on the weekend of Friday, March 30, 2012. For more information, visit the conference website: <https://sites.google.com/site/2012march30/>. The deadline for presentation proposals is February 10th, and registration deadline is February 29th. Mark your calendar to attend this important professional event.

Please feel free to contact me if you have any comments or suggestions to help make ArizMATYC even stronger. I look forward to seeing you all at the spring joint conference with MAA and SUnMaRC in Tucson, AZ in March.

Sincerely,



Ana Jiménez
ArizMATYC President



Mark your calendar now and plan to attend:

AMATYC's 38th Annual National Conference

November 8—11, 2012
Jacksonville, Florida

ArizMATYC Campus Reports — October 14, 2011

Estrella Mountain Community College

Arizona Western: A lot of staff changes – moving campuses, and new hires; solar power project nearing completion – will generate most of power for the campus; grant with UofA – intervention program to bring high-school students into STEM – have a high-school teacher work with the college teacher to offer calculus; Intermediate algebra – 4 credits now, rather than 3

Central Arizona: Math chair has changed; construction at Superstition Mountain campus; purchased 200 acres in Maricopa, construction on 3 buildings will begin in December; teaching remote classes; faculty and staff have taken a vote of no confidence in the president, going to the board Tuesday.

Chandler-Gilbert CC: Several faculty changes – Frank Wilson, new chair; 3 OYOs; second semester teaching MAT108 – small enrollment, but trying to grow; Excellence in Math competition – November 4; Latina STEM conference – November 2, expecting 200 high-school Hispanic girls.

Cochise CC: Arithmetic through Intermediate – modular sequence using MyMathLab, in-class test; all students begin in arithmetic and must test through whole program; Running start program – offers classes in the afternoon (e.g. calculus, physics) to selected high-school students.

Coconino: Now at 10,000 students/year; VP of Academic Affairs resigned; given a telescope by the Naval Observatory – now in the dome on campus; Flagstaff Festival of Science – end of September; involved with Science in the Park, also a science night at CCC for students; now have MAT122 – 3 credit version, geared toward College Mathematics; MAT121 geared toward pre-calculus; after this semester, no longer offering MAT151; using MyMathLab in all developmental courses up to 121, as well as NAU courses; looking for MAT142 book; hired a OYO due to NAU enrollment; 3 faculty going to AMATYC; accreditation visit in November; Kate Kozak is SW Region VP for AMATYC – looking for someone to take over the newsletter.

Estrella Mountain: Accreditation November 7 – 9; did “no late registration” this semester – students had to be registered by the first day of class.

continued

Campus Reports—October 14, 2011, continued

Glendale: 4 new hires, up to 35 full-time math faculty, plus several OYOs; GCC North – now 3 full-time faculty; growing e-courses selection; New president – Dr. Kovala; accreditation in Spring; 7 – 8 math faculty to AMATYC.

NAU: New math chair; 2 tenure-track hires, 3 lecturer hires; math enrollment has gone up 50% in 5 years; Flagstaff enrollment 17,500; up to 25,000 including all campuses/programs; \$1.5 million NSF grant for scholarships; organizing a conference in Differential Equations next June; run the Research Experience for Undergraduates program in the summer; several curriculum changes: modular pre-calculus; moving toward an emporium model – President of university pushing for more retention/completion, so plan is for emporium for pre-calculus and lower courses; lots of construction on campus; no longer have a standard major – now 4 specialties.

Northland Pioneer: Using new textbooks – McKee XYZ book for intermediate algebra (\$60); going to BVT (publishing company) – experimental hybrid course for pre-calculus; had a pay-cut last year; got “equivalent” raise percentage-wise; backed up IT system partially, have had many problems with system in the past; administrators pushing to increase number of students per class, want to do away with multi-course labs; now teaching courses over audio-visual; creating a “library” of materials for courses with low enrollment; dual-enrollment instructors now have to send all graded final exams to assessment personnel.

Paradise Valley: Bought and refurbished old county library for new classrooms & office space.

Phoenix College: 3 OYO emergency hires; *Calculus, the Musical* – Tues., Feb. 7, free; computer lab; 082 pilot; faculty member created 1500+ videos, free website: mathispower4u; 082 book \$160 new, \$120 used – exploring open source & free textbooks; wamap for free courseware; diagnostic test for MAT120 – developed; used wamap for remediation.

Pima: Offering 2 new courses in Spring: MAT089 replacing developmental courses – emporium/module based, offered at 5 campuses (not East); MAT123 combo of 092/122 - 5 credits in 1 semester; changing admissions standards: students must test at minimum of 7th grade level, otherwise directed to *Pathways to Pima*; hiring 5 new positions – see website.

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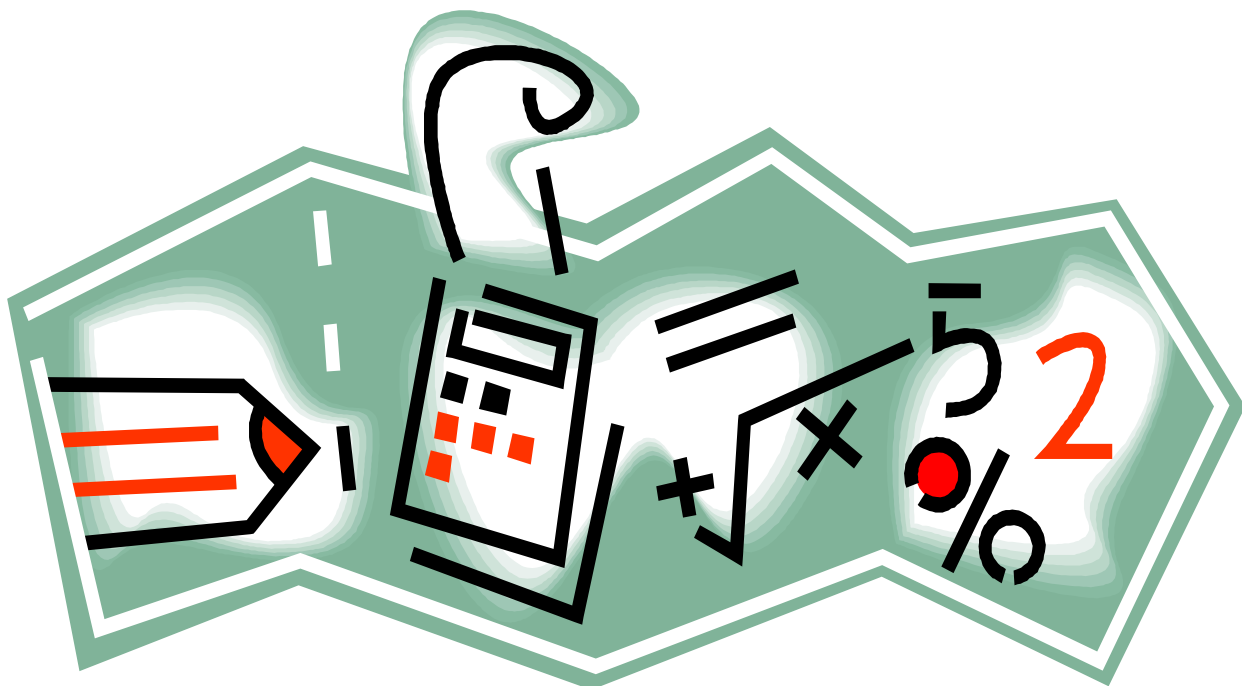
Campus Reports—October 14, 2011, continued

Scottsdale: ALEKS price raised significantly, so will not be using – turn off date is January 30, 2012; Math-Science Field Day – many high schools attend; moving to open-source resources for college algebra, trig, 092; online wamap homework; adjunct started a robotics club that is getting national attention; renamed circular quad at SCC – Two-waters Circle; David Dudley retiring at the end of Fall 2011.

Tohono O’odham: Not a lot of students (160), but all need math; hiring – preferably someone who wants to work with students who really need math help.

Yavapai: Have a new college president – Penny Wills; have switched from MyMathLab to MyLabsPlus.

No reports were received from ASU, Diné, Eastern Arizona, Embry Riddle, Gateway, Grand Canyon, Mesa, Mohave, Rio Salado, South Mountain, UA.



ArizMATYC Business Meeting Minutes—October 14, 2011

Estrella Mountain Community College

1. Approval of Minutes <http://arizmatyc.org/newsletters/aneWSf11.pdf>
 - A. Minutes unanimously approved
2. Treasurer's Report
 - A. Discussed and approved Treasurer's Report
 - B. PayPal - some small issues for registration; cost is \$0.75/transaction
Motion to continue using PayPal including the fee, passed unanimously
 - C. Motion to send \$100 per fellow to Project ACCESS, \$500 - passed unanimously
3. Secretary's Report — None
4. Newsletter Report
 - A. Fall newsletter deadline is December 31, 2011
 - B. Send articles to sjensen@pima.edu; those who attend the conference in Austin are encouraged to write articles about their experience.
5. Historian's Report — None
6. Webmaster's Report
 - A. New Webpage <http://arizmatyc.org/wp/> ; page not yet live; main page is a blog page, organized by categories; no longer has a listserv, since it was not supported; membership can be updated online through PayPal.
 - B. Motion passed unanimously to make the new webpage live
7. Membership Report
 - A. Have a list of all members, email addresses for some; expired memberships are flagged.
8. AMATYC Conference in Austin (November 10-13)
 - A. \$100 to Hospitality (10/02/09 <http://arizmatyc.org/newsletters/aneWSS10.pdf> page 6)
 - B. Delegates are Ana Jiménez, Kate Kozak, Sue Jensen, Anne Dudley; each must write an article for the newsletter (about AMATYC or ArizMATYC Conference)
 - C. AMATYC Conference Scholarship: Maya Lanzetta

continued

ArizMATYC Business Meeting Minutes, continued

9. Future Meetings

- A. Need to start asking during either campus reports and/or ATF meeting – send info out ahead of time to ask interested schools to see if they are available; put out a blog announcement before meeting?
- B. Spring 2012 <https://sites.google.com/site/2012march30/>
Joint meeting with SUnMaRC, MAA, ArizMATYC – beginning of schedule is posted; Vendor registration is now live; will give \$500 seed money to host school.
- C. Fall 2012 — tentatively October 12, 2012; maybe at Glendale CC (Laura Watkins), Yavapai CC (Dave Graser), or Phoenix College?
- D. Spring 2013 — possibly at Central Arizona College – Ken Hurley will follow up; in February, since not joint with MAA.
- E. Regional — Summer 2013
- F. Fall 2013 — Northland Pioneer College

10. Old Business (From Oct. 2008 Meeting) ([Spring 2009 Newsletter](#), p. 6)

A. Recommendations for future meetings:

1. Joint ATF with high school math teachers; may want to wait until new standards are in place; may be ATF funding issues due to using community college funds to pay for high school teacher attendees for lunches, etc.; logistics would be difficult – suggest to postpone.
2. Have Fall meeting with a lot of ATF stuff and Spring meeting with some ATF and more sessions, or vice versa. Or have ATF at only one meeting and full program of sessions at the other; have now done this.
3. Have Fall meetings in Maricopa for ATF, other places in the Spring; obsolete, since ATF meetings occur both in Fall and Spring.
4. We need a schedule to give to conference organizers - http://arizmatyc.org/az_meeting.html
5. Registration and food, etc, in the book room
6. Survey what people liked about past meetings; post on website?
7. Advertise what ArizMATYC can do for its members.
8. Create an online Camtasia tutorial to send out to members to teach members different things.

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ArizMATYC Business Meeting Minutes, continued

10. Old Business (continued)

B. Ideas for Sessions

1. Try Debra Rader from the P-20 council.
2. Schedule moderators for panel discussions on placement (e.g. Aleks, Accu-placer, MyMathTest).
3. Poll members about expertise and what they could present.
4. Need ideas for finding speakers: NAU speakers bureau, textbook authors, consultants.
5. Ask colleges to fill a slot for a talk. For Fall will ask Mesa, Yavapai.
6. Maybe a hands-on Camtasia training.
7. Maybe someone from a testing center and/or legal issues re: placement.

11. Action Item: Ana to contact Kate Kozak on January. 2, 2012 about 2013 Regional Meeting.

Meeting adjourned at 4:07pm

Respectfully submitted,

Kristina Burch, ArizMATYC Secretary



The 37th National AMATYC Conference

Sue Jensen, delegate

I always come home inspired from an AMATYC Conference, and this time was no exception. I was impressed by the many excellent sessions I attended and by the impressive faculty who presented. I visited with mathematics instructors from all over this country, people who are making a difference every day both in their classrooms and outside them. These are people who consistently come up with creative new ways to make mathematics live for their students, and to help them succeed.



The amazing opening session presentation by Dr. Kenneth Golden (University of Utah) on his study of sea ice and climate change was just plain awe-inspiring; who knew there was so much mathematics in sea ice? The Saturday breakfast talk on the Millennial Generation given by Dr. Terri Manning (Central Piedmont CC) was part hilarity and part sobering reality; these young people are our students and some will one day be our colleagues.

My two primary interests in this conference were in the areas of statistics and the redesign of developmental education courses; there were plenty of sessions applicable to each. One of my favorite speakers is Roxy Peck (Cal Poly); she always provides something that I can use immediately in my classes. At this conference she showed some innovative techniques to use in teaching probability. There was another great talk on demonstrating the concept of randomness by involving students in a rock-paper-scissors tournament.

Of course Austin, Texas is a wonderful city to visit, and the conference hotel was located right in the heart of the action. I walked to the flagship Whole Foods store, and ate lunch at a little hole-in-the-wall café on Sixth that featured incredibly good onion soup. I shared authentic Texas barbecue with colleagues. I toured the O. Henry house right across the street from the hotel. And I enjoyed talking to colleagues from all over the country about their daily work and the challenges they face.

I'm grateful to the administration of Pima Community College for making it a priority to preserve faculty funds for professional development in this time of hardship for many. And I'm proud to be a member of AMATYC, an organization that encourages faculty to excel and make a difference through their profession.

Delegate Enjoys AMATYC Annual Conference in Austin, TX

Kate Kozak, delegate

First, I would like to thank ArizMATYC for funding my registration to the AMATYC conference. It really helped to offset the cost of the trip, and encouraged my college to help fund some of the rest of it. I was a delegate for ArizMATYC, and attended the delegate assembly. Normally, I write about what I heard at the delegate assembly, but there wasn't much this year, except for the fact that the dues to AMATYC are not going to be raised this year.

So instead of reporting on the delegate assembly, I am going to write about the flavor of the host town, Austin, TX. The main reason to attend AMATYC conferences is so you can attend all of the great sessions, network with colleagues, and visit the vendors. An added benefit is to be able to gain some local flavor of the host town. The conference hotel was located in downtown Austin. It was therefore within walking distance of the state capital building,

which looks like the US Capitol, and Lady Bird Lake, which is a lake that was formed on the Colorado River (a different one from the one that flows through Arizona). There are hike and bike trails all along the lake. This keeps you away from the traffic, and gives you a place for peace and quiet.



If nightlife was what you are looking for, then Austin had it. Austin is

known as the Live Music Capital of the World, and I can see why. Every bar along 6th Street, which is the main nightlife street, had live music playing every night. For a quieter scene, there were many unique and good restaurants within walking distance of the hotel. A good time was had by all that went to Austin.

So don't forget that when you go to the next AMATYC Annual Conference in Jacksonville, FL, that there is also a town to see in addition to the conference. See you in Jacksonville.



Shootin' for the Stars – The Presidents' Luncheon

Ana Jiménez, delegate

This past November I attended the 37th National AMATYC Annual Conference – my eighth conference, but my first as President of ArizMATYC. At the President's Luncheon, I not only dined on a delicious chicken and rice entrée, I also had an opportunity to chat with TexMATYC outgoing President, Raja Khoury, and OKMATYC president, Chris Oehrlein. Over lunch the three of us discussed the upcoming regional conference tentatively scheduled for summer of 2013 in Flagstaff, AZ.

At the Presidents' luncheon it was announced that another AMATYC State Affiliate has taken the ArizMATYC Challenge and is contributing \$100 per ACCESS Fellow from their state toward the funding of Project ACCESS. Hopefully this will catch on!

There was a lengthy discussion regarding ideas on how AMATYC can better support the state affiliates. I was extremely impressed with Kate Kozak, our Southwest Regional Vice President, as she took copious notes to fulfill as many demands as possible during her term. Having Kate as Vice President and Laura Watkins as Project ACCESS Coordinator made me proud to be from Arizona, as I can see how well we are represented in such vital leadership positions.

AMATYC pledged to support our upcoming spring conference, and I am certain it will be a success. If there is anything you need from me as ArizMATYC President - support, advice or a voice to take your concerns forward to the national level - please do not hesitate to contact me. Email me at ajimenez@pima.edu or leave a text- or voice-message at (520) 344-2624.

Upcoming Dates to Remember:

March 30, 31, and April 1, 2012: Joint ArizMATYC, MAA, and SUnMaRC Conference
At Pima Community College Downtown Campus, Tucson, Arizona
(ArizMATYC portion on Friday and Saturday)

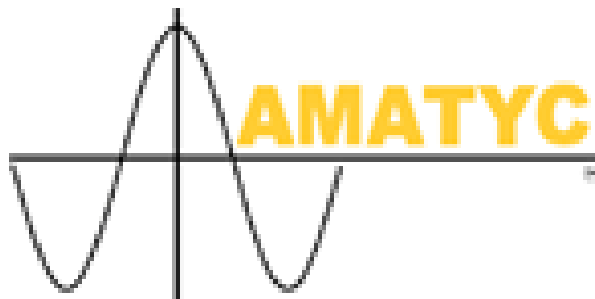
October 12, 2012: Fall ArizMATYC Meeting, Yavapai College, Prescott, Arizona

November 8-11, 2012: 38th AMATYC National Conference, Jacksonville, Florida

Introducing Kate Kozak, New AMATYC Southwest Regional Vice President

I want to introduce myself to you. I am Kathryn (Kate) Kozak and I am the new AMATYC Vice President for the Southwest Region. I am so excited about holding this office, because of what a great region the Southwest Region is. This region has already hosted a regional meeting once, and is now proposing hosting another one. Most regional meetings are hosted by one affiliate, but in the Southwest Region, all of the affiliates worked together on the last one, and are planning on working together on the next one. Thank you for all the work that each of you do for your affiliate and this region.

I hope that all of you are members of the American Mathematical Association of Two-Year colleges (AMATYC), but if you are not, that you consider becoming one! I would like to make you aware of some of the activities that you may participate in as an AMATYC member. The Annual AMATYC Conference, a series of webinars and the AMATYC committees offer many opportunities for you to advance your mathematical knowledge and network with your peers across the United States and Canada. In addition, AMATYC members receive



the *AMATYC News* and *MathAMATYC Educator* publications during the year.



If possible, please join me in Jacksonville, Florida for the 38th Annual AMATYC Conference to be held November 8-11. More information is available on the AMATYC website, www.amatyc.org. The theme of this year's conference is *River-of-Knowledge, Ocean-of-Dreams* and is sure to offer many opportunities for professional development and networking. This year AMATYC has offered a scholarship to each affiliate to offer financial support to a faculty member who has not yet attended an AMATYC conference. I hope to see each of you there.

AMATYC has begun a series of free webinars for its members. The first webinar was offered in February 2011 and was entitled *Unleash the Power of Your Tablet PC* presented by AMATYC member Fred Feldon. Other webinars on topics of Action Research, Sequence Convergence, Statway and Quantway, Mathematics of Video Games, Wolfram Alpha, The Common Core, Teaching Developmental Mathematics,

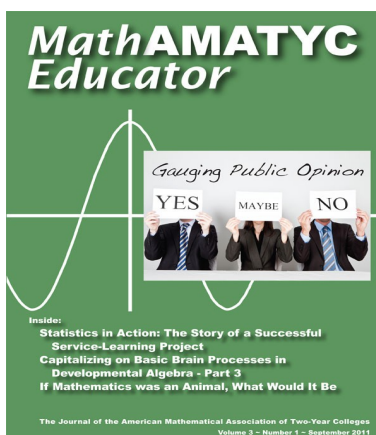


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Introducing Kate Kozak, continued

and Making Calculus Come Alive have been offered and captured for future viewing. If you missed any of these webinars, you can find them on YouTube by going to www.amatyc.org/publications/webinars/index.html and clicking on the appropriate link. Watch your email for future attractions!

AMATYC has 9 committees: Developmental Mathematics, Division/Department Issues, Innovative Teaching and Learning, Mathematics for AAS Programs, Statistics, Mathematics Intensive/College Mathematics, Placement/Assessment, Teacher Preparation, and Research in Mathematics Education for Two-Year Colleges. Although the committees meet annually in person at the AMATYC conference, they do most of their work during the year through emails, websites, and Google groups. If any of these areas is of particular interest to you, read more about the committees at www.amatyc.org/committees/index.htm. Contact information for each committee chair is listed on the website.



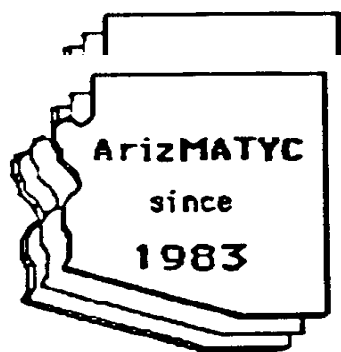
AMATYC offers two publications to its members: the *MathAMATYC Educator* and the *AMATYC News*. The *MathAMATYC Educator* is a refereed publication of AMATYC. Abstracts of the articles in past issues of the *MathAMATYC Educator* can be found at

www.amatyc.org/publications/mathamatyceducator/index.html. The *AMATYC News* contains articles on teaching, activities used in the classroom, results of grants and hints to help mathematics faculty spend their professional time more productively.

An archive of past newsletter articles can be found at www.amatyc.org/publications/AMATYC-News/index.htm. AMATYC welcomes articles for each of these publications. If you wish to submit an article of interest, please be sure to follow the guidelines for submission available on the web.



If you are already a member of AMATYC, you are well aware of what AMATYC has to offer. If you are not yet a member, I encourage you to visit the website at www.amatyc.org/ and become a member. Please let me know if there is anything I can do for you. I hope to see you in Jacksonville!



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 \$10 to

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

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

