

THE MICHMATYC TIMES

THE MICHIGAN MATHEMATICAL ASSOCIATION OF TWO-YEAR COLLEGES WINTER 2007

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Message from the President

Phoebe Lutz

Delta College

Greetings! I hope that this winter semester is progressing well for you. I would like to take this opportunity to give you some updates about how you can become more involved in MichMATYC, and also some updates on happenings since our fall meeting at Kalamazoo Valley Community College. Since our fall meeting, we have submitted our request to the IRS for tax-exempt status. As you can imagine, there is a great amount of paperwork and detail involved in this process. Since submitting the forms and required information, the IRS has contacted us twice for additional information, including the request for changes to our constitution that were required for our application to be considered. In the e-mail vote conducted during January, the changes to the constitution were unanimously approved so that our constitution now conforms to the IRS requests. An IRS agent is now reviewing our application. I will keep you updated via the listserv as to our progress and status in this area.



There are no elections this year, but there are several things coming up in MichMATYC in which I hope you will participate. We are in the process of soliciting nominations for MichMATYC's two annual awards, the MichMATYC Teaching Excellence Award and the MichMATYC student scholarship award(s). Gladys Rockind (the 2004 MichMATYC TE Award winner) will chair the MichMATYC TE Award committee this year. Gladys will be joined by Jim Ham (the 2005 TE Award winner) and Doug Mace on the TE Award committee. Nomination information is available both in this newsletter and online. Nomination forms are available online and all TE nomination packets should be sent directly to Gladys. **The deadline to submit materials for this award is June 30, 2007.**

Cindie Wade is chairing the MichMATYC student scholarship committee this year. Detailed information is included here in the newsletter as well as on the MichMATYC web site. Please encourage your students to apply for this award. **If you are interested in serving on this committee with Cindie, please contact me by April 1, 2007.** We had several applications last year and it was heartwarming to be able to give two scholarships to deserving mathematics students, Amir Sabet Sarvestani of Oakland Community College and Dan Lambert of Schoolcraft College. Dan Lambert was continued on page 2



Message from the President

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able to attend the fall conference at KVCC to accept the award. The scholarship winner receives a \$500 scholarship and is also given a free registration to the fall conference if they choose to attend. **The deadline for scholarship applications is May 31, 2007.**

Mark your calendars! The 2007 MichMATYC Fall conference will be held at Mott Community College in Flint on September 28th and 29th. Karen Sharp and Bernie Cunningham are working to organize the conference and the call for presenters is included in this newsletter and will also be available on the web site. Please plan to attend as each year this is an excellent and accessible conference for us. This

promises to be another great opportunity for us to learn and network with our colleagues from across the state. Last year's conference, held at Kalamazoo Valley Community College, was a great success hosted by Lisa Winch and the rest of the group at KVCC. There were a great variety of sessions for all to learn from and enjoy. Thank you Lisa and your team at KVCC for a wonderful experience!

This past fall, the AMATYC conference was held in Cincinnati, a short distance for us here in Michigan. As expected, there was a large contingent (again) from Michigan. I continue to be impressed at the level of involvement of our MichMATYC members at the national conference.

This fall the AMATYC conference will be held in Minneapolis, Minnesota. The conference is a bit early again this year, November 1-4, 2007, and I hope this will fit into your fall conference plans.

Finally, Lisa Winch will become MichMATYC President on June 1, 2007. I will continue on the executive board as Immediate Past President for one year. It has been a pleasure for me to serve as your president. You are a great group of educators to work with, and I know that I can always be proud to come from a state with so many great and innovative teachers. Thank you for all of your support and work with MichMATYC over the past two years.

Student Math League First Round Results 2006-2007

Team Results

Team	Place in state	Place in Midwest	Place in Nation	Score
Oakland CC	1	2	13	91.5
Grand Rapids CC	2	10	65	57.5
Mott CC	3	11	82	50.5
Delta College	4	18	117	37.5
Kirtland CC	5	19	118	36.5
Monroe County CC	6	21	132	31.0
Macomb CC	7	21	142	27.5
Lansing CC	8	23	157	6.5

Notable individuals from the state

Name and School	Place in Midwest	Place in State	Score
Sudarshan Sivaramakrishna, Oakland CC	4	1	21.5
Jayant Krishnan, Oakland CC	5	2	20.0
Alexander Sapick, Oakland CC	9	3	18.5
Paige Pretzer, Delta College	10	4	17.5
Vivek Athalye, Oakland CC	14	5	16.0
Andrew Klumpp, Oakland CC	18	6	15.5

MichMATYC Treasurer's Report

Sam Bazzi, MichMATYC Secretary/Treasurer
Henry Ford Community College

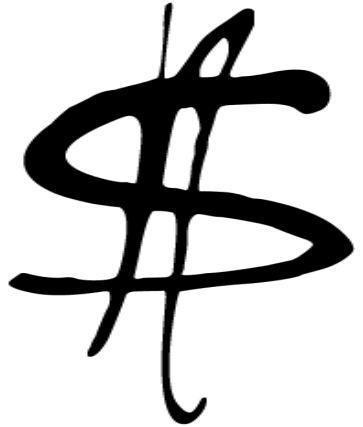
On behalf of the executive board, I would like to express my gratitude to our current members for their continuous support to MichMATYC. Your membership dues, your participation in the annual meeting, and your contributions to the student scholarship fund have enabled us to continue to offer many services to our members and also continue to support other associations that share similar values.

We currently have about 102 current members and I am making it my duty this year to strengthen our current membership by recruiting new members. I am asking for your help in inviting non-members (full time and part time) to join MichMATYC. Given the rising costs of some of the services we offer such as the printing and mailing of the Newsletter and the hosting of the website, our membership dues remain steady at \$5.00.

MichMATYC members receive a newsletter two times a year, subscribe to an electronic listserv where issues of great importance pertaining to the teaching and learning mathematics at the two-year college level are discussed. An excellent professional development opportunity for our members would be to attend or present at our annual conference. This year's conference will be hosted by Mott Community College in Flint. We urge you to make plans to attend the conference this year. The fall 2007 conference committee promised us for another exciting and successful conference. The annual meeting is a great way for Michigan two year college mathematicians to meet, present, and share new ideas and methodologies pertaining to teaching and learning.

MichMATYC recognizes excellence in student learning by offering the Student Scholarship Award which is funded by contributions from our members and money transferred from general fund when there is a shortage in the scholarship fund. At the fall 2006 conference, MichMATYC recognized two students as award recipients and the amount received by each student was \$500.00. It is our goal to continue to offer such awards and this is one of the reasons why MichMATYC decided to pursue a non-profit status so any contributions you make to the scholarship fund will be tax deductible. Our scholarship fund has a current balance of about \$305.00.

For a membership form, please refer interested people to our website at <http://www.michmatyc.org>.



MichMATYC's Teaching Excellence Award

The MichMATYC Teaching Excellence Award was established to recognize the high quality of instruction occurring at Michigan's two-year colleges. The selection criteria used for the award are:

- Instructional Effectiveness and Support of Students (effective and innovative teaching strategies, assessment methods, curriculum development, learning environment, etc.)
- Professional Involvement and Professional Development/Renewal Activities (active participation in professional organizations, presentations, articles, conferences, etc.)
- Interaction with Colleagues
- Service to the Departments/Division/College

A nominee must be a MichMATYC member currently employed as a classroom instructor in a two-year college or other institution granting only associate degrees. A nominee must have a minimum of 5 years of teaching experience. Individuals can win the award only once.

Nominations are invited from MichMATYC individual members and/or supervisors. Members may nominate themselves.

A complete nomination packet consists of:

- A nomination form, and a resume or vita (not to exceed three pages in 12 point font)
- A letter of recommendation from the nominator (not to exceed three pages in 12 point font)
- A one-page letter of recommendation from at least two of: a student, colleague, or a supervisor (not to exceed one page in 12 point font)
- A summary of the nominee's most recent student evaluations (one page in 12 point font)

Nominations for the 2007 award will close on June 30, 2007.

Send nominations to: Gladys Rockind, Oakland Community College, Auburn Hills Campus, 2900 Featherstone Road, Auburn Hills, MI 48326-2845, grockin@oaklandcc.edu

Congratulations Karen Sharp

2006 AMATYC Mathematics Excellence Award Recipient



Kathy Mowers, AMATYC President and Karen Sharp, Mott Community College, 2006 AMATYC Mathematics Excellence Award Recipient

MichMATYC's Student Scholarship Award

The MichMATYC Student Scholarship Award is presented annually to a current or former Michigan community college student who excels in mathematics. A \$500 award will be granted for the 2007-2008 academic year.

To be eligible a student must have:

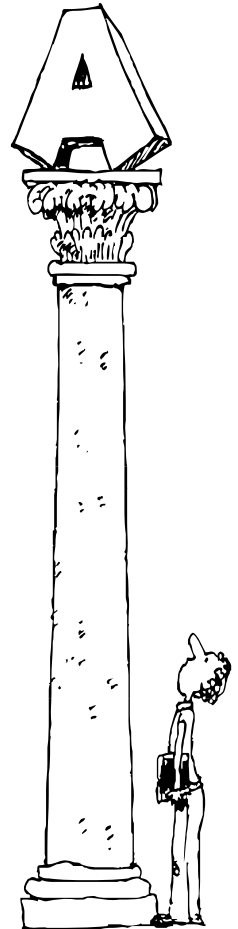
- Completed a minimum of 12 credit hours, with 6 hours from a two-year Michigan community college and an overall college GPA of 3.2
- Completed at least two of the following courses at a two-year Michigan community college:
 - Trigonometry, Statistics, Calculus and/or Above Calculus
- Maintained a 3.5 cumulative G.P.A. in all community college mathematics courses
- Attended a two-year Michigan community college after January 1, 2006

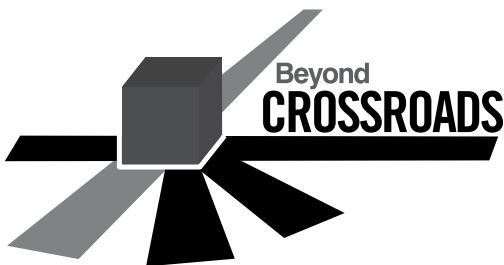
Application Requirements:

- Completed application form
- Typed personal statement describing why you feel you should receive a scholarship from a mathematics organization and how receiving it will help you to achieve your goals. In addition, your personal statement should indicate how you hope to use mathematics in the future.
- 2 letters of recommendation, at least one from a two-year Michigan community college mathematics instructor
- Official college academic transcripts

All application materials must be received by May 31, 2007.

Completed applications should be sent to: Cindie Wade, St. Clair County Community College, 323 Erie St. P.O. Box 5015, Port Huron, MI 48061-5015, cwade@sc4.edu.





The American Mathematical Association of Two-Year Colleges (AMATYC) is proud to present *Beyond Crossroads: Implementing Mathematics Standards in the First Two Years of College*. This second standards document from AMATYC is intended to stimulate faculty, departments, and institutions to examine, assess, and improve every component of mathematics education in the first two years of college. AMATYC is committed to promoting improvement in mathematics education and has collaborated with its members, its affiliates, and other national organizations on the development of *Beyond Crossroads*.

Implementation Standards

Beyond Crossroads introduces five Implementation Standards for Intellectual Development, Content, and Pedagogy presented in the 1995 *Crossroads in Mathematics*. These five standards, with accompanying implementation recommendations and action items, are intended to guide the decision making of professionals in selecting and putting strategies into practice to meet the challenges of improving student learning in mathematics.

Implementation Standards. Guidelines for faculty, departments, and institutions for improving mathematics education:

- **Student Learning and the Learning Environment** Mathematics faculty and their institutions will create an environment that optimizes the learning of mathematics for all students.
- **Assessment of Student Learning** Mathematics faculty will use the results from the ongoing assessment of student learning of mathematics to improve curricula, materials, and teaching methods.
- **Curriculum and Program Development** Mathematics departments will develop, implement, evaluate, assess, and revise courses, course sequences, and programs to help students attain a higher level of quantitative literacy and achieve their academic and career goals.
- **Instruction** Mathematics faculty will use a variety of instructional strategies that reflect the results of research to enhance student learning.
- **Professionalism** Institutions will hire qualified mathematics faculty, and these faculty will engage in ongoing professional development and service.

Excerpt from *Executive Summary Beyond Crossroads*. Learn more about *Beyond Crossroads* by visiting amatyc.org, or attending an AMATYC or MichMATYC conference.

2007 AMATYC Annual Conference Minneapolis. Minnesota

November 1-4, 2007

"Building a Better Tomorrow"

Conference miniprogram
available this summer.



AMATYC Update

Jim Roznowski

AMATYC Midwest Vice-President

Everyone seems to be telling me I am getting old. The state of Michigan has informed me that I am now eligible for retirement with 30 years in the retirement system. I am teaching more and more of the sons and daughters of former students. And, I am part of my college's discussion about professional development for late career faculty. No matter the number of hints I get, I am not quite ready to go. One major reason is my involvement in AMATYC and the opportunity to work with dedicated professionals like you.

You often hear that you teach the way you were taught. Well, I was never taught mathematics using technology, I never used collaborative learning in a math class, and I don't remember worrying about how a topic was going to be used in another discipline. But I have tried to incorporate all of these things in what I do. Much of the information about these and other initiatives and how to integrate them in my classes came through professional development activities sponsored by AMATYC and my local affiliate MichMATYC.

One way for you and me to continue in our search for new and innovative approaches to learning are the upcoming AMATYC Summer Institutes on Teacher Preparation, Mathematics Across the Community College Curriculum (MAC³), and Developmental Algebra Using a Functions Approach. The one closest to home for us will be "Mathematical

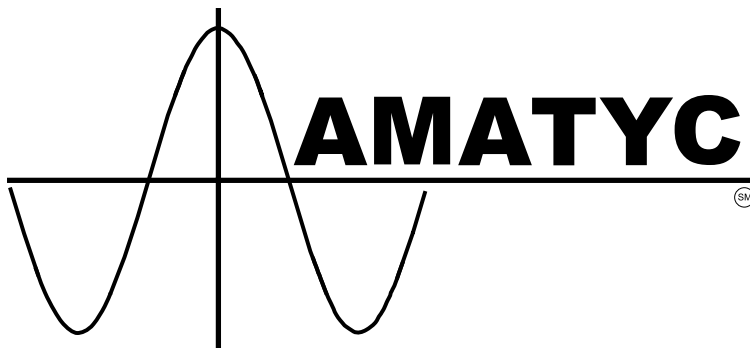
Preparation for Teachers of Future Elementary Teachers" held in Grand Rapids, Michigan, June 26-30. More information on all of the institutes can be found at amatyc.org and the summer institute flyer that will soon be sent to all AMATYC members.

A great way for our newer colleagues to start their careers is by participating in AMATYC Project ACCESS (Advancing Community College Careers: Education, Scholarship, and Service). AMATYC Project ACCESS is AMATYC's continuation of the project three-year project funded by a grant to AMATYC and the MAA from the Exxon/Mobil Foundation. The project's goal continues to be to assist our new colleagues in becoming active professionals. If you have a new colleague that you feel might benefit from AMATYC Project ACCESS, please encourage them to apply for the next cohort. More information about the project and the application procedure can be found at www.amatyc.org.

As you may have heard, the 2007 AMATYC Conference had to be moved from New Orleans to Minneapolis. The conference is now scheduled for November 1-4, 2007.

Although AMATYC had hoped to help support New Orleans' economic recovery, the conference hotel could not guarantee that repairs from Hurricane Katrina would be complete in time for our arrival in November. The move is disappointing to all members of AMATYC but especially to the team of local New Orleans volunteers who were already making preparations for our arrival. We would like the New Orleans' volunteers to attend the conference in Minneapolis and the AMATYC Foundation is accepting donations to help with their travel expenses to Minnesota. I hope you will consider making a donation to help to make this happen. Visit the AMATYC Foundation page at amatyc.org to make an online donation or to get a copy of the donation form. To make sure your donation is used to help support the New Orleans volunteers, add a note after your name.

If you are interested in becoming more involved in AMATYC, consider becoming a state delegate to the governing body of AMATYC, the Delegate Assembly which meets annually at the National AMATYC Conference. Most delegates represent affiliates or states. MichMATYC is currently represented by
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Before you give up, read

MichMATYC 2007

Mathematics: The Key to Success

Mott Community College

September 28 & 29, 2007

website: <http://www.michmatyc.org>

NCTM

National Council of Teachers of Mathematics

2007 Annual Meeting and Exposition

Mathematics: Representing the Future

Atlanta, Georgia

March 21 - 24, 2007

Midwest Regional Conference

Cleveland, Ohio

October 16 - 17, 2008

website: <http://www.nctm.org>

MAA Michigan Section/MichMATYC

2007 Annual Meeting

University of Michigan - Dearborn

May 4 - 5, 2007

website: <http://www.michmaa.org>



ICT

The 8th International

Technology in Mathematics

July 1 -

Czech R

website: <http://www>

ch out for something new!



AMATYC - 33rd Annual Conference

Building a Better Tomorrow

Minneapolis, Minnesota

November 1 - 4, 2007

website: <http://www.amatyc.org>

MDEC

Michigan Developmental Education Consortium

2007 Annual Conference

Bridges Between High School and College

April 19 - 20, 2007

Macomb Community College
in Clinton Township, Michigan

website: <http://www.mdec.net>

MCTM

Michigan Council of Teachers of Mathematics

Understandings for Teaching

Teaching for Understanding

58th Annual Conference

August 6 - 10, 2007

Holt High School, Holt, Michigan

website: <http://www.mictm.org/>

ICTMT
International Conference on the
Mathematics Teaching

August 4, 2007

Republic

www.ictmt8.org/ictmt8

Campus Notes

Alpena Community College

Dan Rothe

The spring semester at ACC is off to a good start. Beginning with the fall semester, Meghan Cameron's 0.6 position was moved from the Huron Shores Campus (Oscoda) to the main campus in Alpena. As a part of her assignment for spring semester, she will be teaching a section of Calc I over ITV with part of the class on each campus. Dave Eger will be teaching some math as well as social science classes at Huron Shores.

The mathematics award for the 2005-2006 academic years was given to Genevieve (Claire LaFleur) and a mathematics scholarship was presented to Danielle Smolinski. The department looks forward to participating in the regional Science Olympiad Tournament at ACC on March 10, 2007.

The ACC chapter of Sigma Zeta Math/Science honor society inducted 4 new members in March and 10 in November. The officers for the 2006-2007 school year are President -- Claire La Fleur, Vice President -- Darin Meredith, Secretary -- Danielle Smolinski, Treasurer -- Ashleen Hoover, and Student Senate Representative -- Michael Reck. The group went on a tour of the National Weather Service office in Gaylord and provided valet parking and coat check services for the military ball at the Alpena Combat Readiness Training Center. They are planning more educational and service activities for the spring semester.

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Delta College

Jim Roznowski

Ann Remington will be retiring at the end of this semester after 39 years as a math faculty member at Delta. Over the years, she has been an important member of the division teaching everything from developmental, business, and nursing math as well as computer literacy.

Delta College Middle School Mathematics Competition will be held Saturday, April 21. About 500 middle school students, their families, and teachers will be on campus for a day of competition and fun.

Monroe County Community College

Khadija Ahmed

Jim Vallade (the new kid on the block) has been selected as a grader for the AP Calculus exam for June, 2007. Jim joined the MCCC mathematics faculty in Fall 2007. He will be one of about 400 readers who will work to grade about 200,000 calculus exams in Louisville, Kentucky in early June.

Oakland Community College Highland Lakes Campus

Marie Aratari

We have two math positions open for fall, 2007 at our Highland Lakes Campus of OCC. The website where one can find additional information regarding pay, etc. is <http://www.oaklandcc.edu/Employment/jobs/posting.asp?ID=276>



Campus Reps

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Bay De Noc Community College

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MichMATYC listserv

To keep up-to-date with what is going on in MichMATYC between issues of the newsletter, sign on to the MichMATYC listserv.

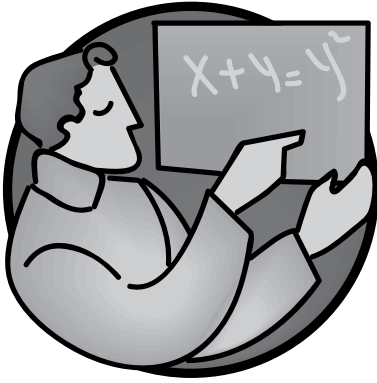
The listserv is an online discussion board. It is open to all MichMATYC members. The listserv is very easy to join, just send a message to:

LISTSERV@LISTSERV.DELTA.EDU. Leave everything else in the heading blank. In the body of the message type: SUB MICHMATYC-L firstname lastname, for example SUB MICHMATYC-L John Smith.

You may also contact Jim Ham at jaham@delta.edu and he will add you to the group.

AMATYC Summer Institutes

Outer Banks - Developmental Algebra Using a Function Approach



The AMATYC Outer Banks Summer Institute will be held June 17 – 22, 2007, at the Army Field Research Facility (FRF), near Duck, North Carolina. Teaching from a function approach requires the use of function concepts and function behaviors to teach algebraic concepts and skill such as factoring, equation solving, arithmetic operations on polynomials, systems of equation, inequalities, properties of inequalities, definitions, concept of asymptotic behavior, absolute value, slope, laws of exponents, etc. Using unique materials, we will reorder the algebra content and use function concepts to develop understanding of, interest in, and long-term memory of traditional algebraic ideas. We will capitalize on cognitive processes of associations, pattern building, attention, visualizations, meaning, the enriched teaching environment, distributed learning, and priming. We will model how to teach

developmental/remedial algebra through a function approach with graphing calculators, and demonstrate why they are crucial to teaching and learning.

We will use the TI-84 Plus™ SE, TI-CBL2, and Vernier EasyLink™ as tools of choice when teaching developmental/remedial algebra.

Instructors for the Institute are Debbie Crocker, Appalachian State University; and Ed Laughbaum, The Ohio State University. Three quarter hours of graduate credit are available from California State University, Bakersfield.

Mathematical Preparation for Teachers of Future Elementary Teachers



The Applied Technology Center at Grand Rapids Community College will be the site of the AMATYC Teacher Preparation Institute, June 26-30, 2007.

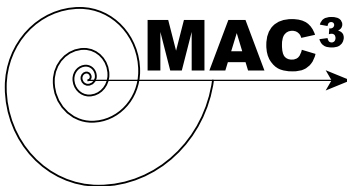
This AMATYC Summer Institute will investigate essential topics in number theory, conceptual development with fractions, problem solving, and modeling. Participants will develop activities and materials for their classrooms. We will also focus on developing materials that will provide students with opportunities to enhance their communication and interpersonal skills. Service learning as an integral component of the learning experience will be explored. The facilitators for the Institute will be Julie Hess and Dana Sammons of Grand Rapids Community College.

The institute fee is \$290 for AMATYC members, and \$365 for non members which includes a welcome dinner, lunches provided daily during the institute, and a culminating brunch on the last day. Hotel accommodations will be available at the Days Inn Downtown in Grand Rapids. A minimum of 30 participants will be accepted on a first-come, first-served basis.

For more information, contact Jim Chesla at jchesla@gccc.edu. Please join us for this opportunity to work with colleagues in mathematics at two-year colleges in a great setting.

**Registration Forms for all Summer Institutes are available online at
www.amatyc.org**

MAC³, Mathematics Across the Community College Curriculum



You are invited to attend the 2007 “Mathematics Across the Community College Curriculum” (MAC³) summer institute sponsored by the American Mathematical Association of Two-Year Colleges, August 7-10, 2007 at Sleeping Lady Conference Center in Leavenworth, WA. Funding for the institute is provided by a grant from the National Science Foundation (DUE Award No. 0442349.)

The 2007 Summer Institute will feature presentations given by experienced MAC³ faculty from Edmonds Community College, Settle Central Community College, Miami Dade College, and other colleges. The Institute will provide time and assistance for faculty to create projects and assessments for their classroom. Participants are strongly encourage to attend in interdisciplinary teams from their schools. Participants may choose to create and work on curriculum of any size, from one-day modules to entirely new course that combine mathematics/quantitative reasoning and other disciplines.

Projects from previous participants have incorporated math or QR into disciplines including art, art history, biology, business, chemistry, English, environmental science, ESL, gerontology, health, labor studies, philosophy, physics, Spanish and theater. Teams should be comprised of a mathematics instructor who serves as a math mentor for at least one non-mathematics instructor seeking to enrich their curriculum or courses with mathematical or QR components. The institute will feature workshops on interdisciplinary teaching and bringing math/QR into other courses, a computer lab with Internet access, and time to work. Experienced MAC faculty and expert consultants from the National Numeracy Network will be available as consultants.

Registration for the institute is \$100 and includes food and lodging for 4 days and 3 nights. A \$60/day stipend will be paid to participants. Applications must be submitted online by April 13, 2007 and need to include a narrative to be considered complete. The Institute is limited to 40 participants and interest is anticipated to be high.

Don't miss this opportunity to work with your colleagues to create curriculum that will extend mathematics beyond the math classroom, all while enjoying a retreat setting in the foothills of the Cascade Mountains in Washington State.

AMATYC Update

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two affiliate delegates appointed by the affiliate and Michigan is represented by two state delegates appointed by me as regional vice-president. The terms of the current state delegates will end this spring and I am looking for AMATYC members from Michigan who are interested in becoming state delegates for 2007- 2009. The duties of the state delegate include representing Michigan at AMATYC conferences (Minneapolis and Washington), assisting the vice-president in developing a campus rep system for the state, and sharing information between the colleges in the state and AMATYC. If you are interested in being a state delegate, please contact me at jarnow@delta.edu.

Whether you are new to the profession or have been on the job for longer than I, I would encourage you to use AMATYC and MichMATYC to keep current and to give your students the best educational experience possible. Get more involved in MichMATYC and AMATYC and see what they can offer you and what you can offer others.

Draft of a Position Statement of the
AMERICAN MATHEMATICAL ASSOCIATION OF TWO-YEAR COLLEGES

The Use of Technology in Mathematics Education

Any tool or technique to achieve a specified outcome may be termed a technology. The word “technology” in this document will refer to a physical tool used as an aid in teaching and learning. Improvements in technology can lead to changes in what is taught in mathematics and how it is taught. Educators need to keep abreast of technological changes and use technologies that enhance teaching, learning, and assessment of teaching and learning.

Technology has the potential to enhance the mathematical behavior of students in all types of learning environments and society. Examples of such desirable mathematical behaviors include:

- Interpret problems using appropriate mathematical representations.
- Devise strategies to solve problems and follow logical processes toward solutions.
- Communicate solution strategies effectively.
- Carry out strategies in an accurate and complete manner.
- Understand the deeper structure of problems and see how the processes used to solve problems relate to other contexts.
- Effectively analyze the appropriateness of solutions.

It is recognized that technology can be successfully utilized to assess the mathematical behavior of students.

Rationale:

Technologies are constantly evolving. Faculty need to examine how technology can help enhance the learning process instead of focusing on a particular type of technology. Almost any technology currently available in the mathematics classroom can arguably be said to enhance the mathematical behavior of students. Often such arguments are made based on human judgments and not objective data. Scholarship on the effects of technology should drive the use of technology in the teaching and learning of mathematics.

AMATYC makes the following recommendations to help faculty evaluate and adopt technologies that enhance and assess the mathematical behavior of students.

Recommendations:

1. Faculty should use the results of academic research on the use of technology to enhance the mathematical behavior of students.
2. Faculty should anticipate and evaluate the effects of the use of technology on mathematical behavior.
3. Faculty should document how the use of technology affects the mathematical behavior of students and communicate these results to other faculty.
4. Faculty and institutions should consider the constraints a technology imposes on the student and faculty before adopting it. These constraints may be ethical, economical, pedagogical, mental or physical.
5. Faculty should regularly review the feedback from stakeholders and revise the use of technology as appropriate.
6. Institutions should provide professional development opportunities on the use of technology to enhance teaching and learning, support faculty in evaluating the effects of technology on students’ mathematical behavior, and promote changes in technology use based on objective data.

Questions or comments about the position paper should be sent to Frank Wilson, Chair of the Technology in Mathematics Education (TiME) Committee, frank.wilson@gmail.com, frank.wilson@gmail.com, frank.wilson@gmail.com



Important Dates and Deadlines

May 4 & 5, 2007	MAA/MichMATYC Meeting, University of Michigan-Dearborn
May 31, 2007	Deadline for applications for the MichMATYC Student Scholarship.
June 8, 2007	Deadline for Proposal to present at MichMATYC 2007.
June 30, 2007	Deadline to nominate a colleague for the MichMATYC Teaching Excellence Award.
July 1, 2007	Deadline for applications for AMATYC Project ACCESS.
September 28 & 29, 2007	MichMATYC 2007 Conference, Mott Community College.
September 30, 2007	Last day to register for the AMATYC Student Mathematics League without a late charge.
November 1, 2007	Proposals to present at AMATYC 2008, Washington, D.C. are being accepted. http://www.amatyc.org . (Deadline: February 1, 2008)
November 1 - 4, 2007	AMATYC Annual Meeting, Minneapolis, Minnesota.
November 2, 2007	Deadline to nominate a colleague for the AMATYC Mathematics Excellence Award http://www.amatyc.org .



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