

THE MICHMATYC TIMES

THE MICHIGAN MATHEMATICAL ASSOCIATION OF TWO-YEAR COLLEGES WINTER 2008

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Conversations Among Colleagues: Educating Future Teachers of Mathematics

The Fourth Annual Conversations Among Colleagues Conference welcomes everyone who plays a role in the education of future teachers of mathematics to join together for a day of conversation. Hosted this year by the Department of Mathematics of Western Michigan University, the conference will be held on Saturday, March 15, 2008 at the Fetzer Center in Kalamazoo.

Plenary speaker William McCallum from University of Arizona will address the challenges of algebra teaching through a careful analysis of the mathematical structure of the subject itself. Eighteen additional sessions cover a wide variety of issues related to teaching and learning mathematics at both the undergraduate and graduate levels for future teachers of mathematics such K-12 teachers, mathematics teaching assistants, mathematics professors, and mathematics education professors. There will be discussions about formal coursework, both content and methods courses, as well as more informal work, like seminars or workshops focused on issues of teaching mathematics. Glenda Lappan of Michigan State University will provide the closing reflection.

This conference is supported by MichMATYC and other professional organizations and private sponsors. The conference fee is \$45 for registration submitted before February 15, and \$55 for regular registration. This includes parking, lunch, refreshments, and program materials. All graduate students who register by February 15 can attend the conference for free, thanks to the sponsorship provided by the Alavi Fund from the Department of Mathematics Education at Western Michigan University. Please see the conference web site: www.wmich.edu/math/CAC/ for more details, including a full program and registration materials, and travel information.



MichMATYC Wants You!



Nominations are now being accepted for the offices of President-Elect and Secretary/Treasurer. For more information, visit www.michmatyc.org or contact Jan Roy (janr@montcalm.edu). Nominating Committee members are: Jan Roy - Chair - (Montcalm CC), Jeff Morford - (HFCC), Karen Sharp - (Mott CC).

A Message from Sue Hollar, MichMATYC's 2007 Teaching Excellence Awardee

I was extremely surprised and gratified to be selected by MichMATYC to receive the Teaching Excellence Award for 2007. To have former students and respected colleagues collaborate in nominating me was an honor in its own respect, but to have received the award is overwhelming!

I have been on the faculty at Kalamazoo Valley Community College for 26 years. In that time, many things have changed with the mathematics we teach and the way we teach it, but the one thing that has remained constant is how much I love my job. I have had opportunities to work with many talented colleagues and brilliant, motivated students, and learned so much from each of them that it would take volumes to write it all down. I have been fortunate to attend numerous MichMATYC and AMATYC conferences, AMATYC Traveling Workshops and Summer Institutes, meeting dedicated community college faculty who truly believe that together we can make a difference in student learning. These experiences have made a significant impact on my own classroom; I am most grateful to have had them.

I want to publicly thank Lisa Winch, Connie Doorlag and Tim Kane for all of the collaboration I enjoy with them on curriculum and pedagogical matters. Without their willingness and energy to seek continued improvement in our courses and their delivery, I would truly be a lost soul. I would also like to acknowledge the administration of KVCC for their unwavering support of my professional development. My thanks are also offered to our Department Chair, Lee Marsh, for his leadership and continued support for our programs, and to the entire Mathematics Department at KVCC for their tireless work in assisting students with their mathematical literacy.

Thank you again for this great honor.

Sue



Mathematics: Collaborating for Student Success
MichMATYC 2008
Delta College • October 10 & 11

Planning for the 2008 MichMATYC conference is moving ahead. In addition to the Saturday conference activities, tentative plans also include a Friday afternoon professional development activity and a Friday evening "three hour" dinner cruise on the Saginaw Bay. A great hotel rate for Friday evening will be available for conference attendees.

The call for presenters is included with this newsletter mailing with additional electronic versions available at www.michmatyc.org. Consider sharing the innovative things you do with your colleagues. The deadline for proposals is April 4, 2008.

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 2008 award will close on June 30, 2008.

Send nominations to: Jim Ham, Delta College, G223, 1961 Delta Road, University Center, MI 48710, Phone: 989.686.9141, Fax: 989.667.2245 (attn. Jim Ham), jaham@delta.edu. Selection Committee members are: Jim Ham - Chair - (Delta), Sue Hollar - (KVCC), Gladys Rockind - (Oakland CC).

Congratulations Jim Ham

2007 AMATYC Teaching Excellence Award Recipient



Kathy Mowers, AMATYC President and Jim Ham, Delta College, 2007 AMATYC Teaching Excellence Awardee

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 2008-2009 academic year.

To be eligible a student must have:

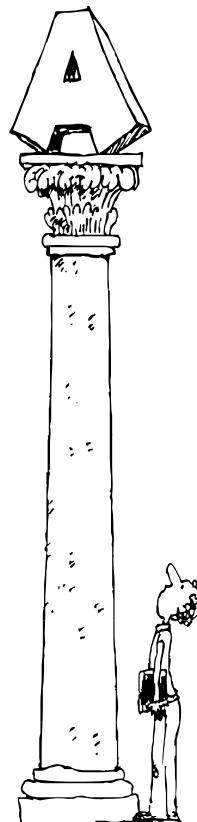
- Completed a minimum of 12 credit hours, with 6 hours from a two-year Michigan community college and an overall college GPA of 3.2
- Completed at least two of the following courses at a two-year Michigan community college: Trigonometry, Statistics, Calculus and/or Above Calculus
- Maintained a 3.5 cumulative G.P.A. in all community college mathematics courses
- Attended a two-year Michigan community college after January 1, 2007

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, 2008.

Completed applications should be sent to: Susan S. Hollar, Mathematics Department, Kalamazoo Valley Community College, 6767 West O Avenue, P.O. Box 4070, Kalamazoo, MI 49003-4070, shollar@kvcc.edu. Selection Committee members are: Sue Hollar - Chair - (KVCC), Jeannine Dawson (Henry Ford CC), Brianne Lodholtz - (Montcalm CC), Nancy Vendeville - (KVCC).



Student Math League First Round Results 2006-2007

Team Results

Team	Place in state	Place in Midwest	Place in Nation	Score
Grand Rapids CC	1	8	58 (tie)	104.5
Saint Clair County CC	2	9	62 (tie)	102.5
Oakland CC	3	12	76	99.5
Kalamazoo Vallery CC	4	18	121	81.5
Monroe County CC	5	21	127	80.0
Delta College	6	23	132	79.0
Kirtland CC	7	27	149	64.5
Mott CC	8	30	171	16.0

Notable individuals from the state

Name and School	Place in State	Place in Midwest	Score
Christopher Grow, Grand Rapids CC	1	6	27.5
Thomas Fielitz, Saint Clair County CC	2	10 (tie)	25.5
James Ekema, Kalamazoo Valley CC	3	20	23.5

Technology Workshop

Muskegon Community College



The Muskegon Community College Mathematics & Technology workshop will be held on the campus of Muskegon Community College the week of May 12-16. The program is designed to assist college mathematics instructors to get up-to-date on technology and to begin to participate in Web-based instruction. This program is designed for those with little technology experience, although experienced instructors are welcome. The main learning objectives of the program include gaining an appreciation for technology developing the ability to quickly create mathematics-related documents, online presentations, and graphics integrating Web materials into traditional classrooms gaining technology skills for teaching math online learning about online teaching pedagogy experiencing a virtual learning environment.

The workshop was announced at AMATYC and all the slots are spoken for, but there may be openings as schedules change, so if you'd like to participate, send an email to Maria Andersen (maria.andersen@muskegoncc.edu) and reserve a spot on the waiting list.

2008 AMATYC Annual Conference

Washington, DC

November 20-23, 2008

"Washington, DC - A Monumental Place for Mathematics"



Conference miniprogram available this summer.

A little burned out?

NCTM

National Council of Teachers of Mathematics

2008 Annual Meeting and Exposition

Becoming Certain About Uncertainty

Salt Lake City, Utah

April 9 - 12, 2008

Midwest Regional Conference

Cleveland, Ohio

October 16 - 17, 2008

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

NADE

National Association for Developmental Education

- 32nd Annual Conference

Developmental Education: The New Revolution

Boston, Massachusetts

February 27 - March 1, 2008

website: <http://www.nade2008.net/index.php>

MAA Michigan Section/MichMATYC

2008 Annual Meeting

Grand Valley State University - Allendale

May 2 - 3, 2008

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

MichMATYC

Mathematics: Collabora

Delta C

October 10

website: <http://www>



ICM

International

Mathematics

Monterrey

July 6 -

website: <http>

It's time for a refresher.

AMATYC 2008

Meeting for Student Success

College

& 11, 2008

www.michmatyc.org



AMATYC - 34th Annual Conference

Washington, DC - A Monumental Place

for Mathematics

Washington, DC

November 20 - 23, 2008

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

MDEC

Michigan Developmental Education Consortium

2008 Annual Conference

Developmental Educators: Making a Difference

April 10 - 11, 2008

Grand Rapids Community College

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

MCTM

Michigan Council of Teachers of Mathematics

Mathematics in Michigan: Continuing the Journey

59th Annual Conference & Institute

Institute August 5 - 6, 2008

Conference August 7 - 8, 2008

Holt High School, Holt, Michigan

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

ICME 11

International Congress on

Mathematical Education

in Mexico

2008

<http://icme11.org>

Campus Notes

Alpena Community College

Dan Rothe

As we begin another semester here at ACC, our enrollment numbers are up 15% from last spring at this time. We are happy to announce that Scott Ratz is now a permanent member of the department. His position is chemistry but last fall he taught the dual enrollment Calculus course at Alcona High School.

We will be sponsoring the regional Science Olympiad tournament on March 1.

Sigma Zeta Math/Science honor society inducted 6 new members during the fall. They are: Catherine Bair, Gordon Cordes III, Bre-Anna DeCare, Sarah Forrest, Amy Lee, and David Toner. Two of our officers have transferred so officers for Spring 2008 are: President – Jill Sanderson, Vice President – Amy Parker, Secretary – Jesse Schalk, and Treasurer – Claire LaFleur. We are planning an educational field trip for the semester as well as helping with Science Olympiad.

Henry Ford Community College

Jeff Morford

The Mathematics Division at HFCC is now offering an arithmetic and number sense course to precede pre-algebra. Students self-select the course. Instruction includes extensive use of manipulatives and games. Within a year, or so we should have data on how well these students do when they take their subsequent courses.

The Mathematics Di-

vision regrets to report the passing of Richard Matthei. We will remember his 30 plus years of service to his students and the Division.

We would like to recognize (in somewhat tardy fashion) former Math Division member and current Assistant to the President for School and University Relations, Lynne Hensel. Dr. Hensel has earned a Ph.D. in Higher, Adult and Lifelong Learning from Michigan State University.

We would also like to recognize Deborah Zopf for her presentation at the 2007 American Educational Research Association conference held in Chicago this March. Her paper summarized a study of the effects on professional development on mathematics teachers' practice.

The Mathematics Division is pleased to welcome Dave Nosanchuk to a one semester appointment. He has 4 years of experience teaching at community colleges as well as 7 years of experience working at community colleges as a supplemental instructor and tutor. Prior to becoming a teacher, he worked as an applications software engineer for a consulting agency that specialized in the automotive industry.

Henry Ford Community College will begin a search for a full time math instructor for Fall 2008 in the upcoming semester. Watch http://www.hfcc.edu/about_us/human_resources/ for updates. Please tell interested colleagues about this opportunity.

Macom Community College

Barbara Jur

Bill Knott has retired from the college after almost 40 years of teaching at South Campus. He also served as the faculty union chief negotiator and most recently as president of MCCFO. He was very active in Department affairs, especially the assessment process.

Muskegon Community College

Maria Anderson

Long-time math instructors Brian Herron and Kathy Herron retired from Muskegon Community College in December.

Want to learn more about the technology you can use to teach math? Visit the Teaching College Math Technology Blog (www.TC-MTechnologyBlog.blogspot.com <<http://www.tcmtechnologyblog.blogspot.com/>>). MCC's Maria H. Andersen blogs almost daily about new technologies, videos, mathlets, animated demos, and concerns about technology and teaching math.



Campus Reps

Alpena Community College

Dan Rothe
rothed@alpenacc.edu

Bay College

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flums@baycollege.edu

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West Shore 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.

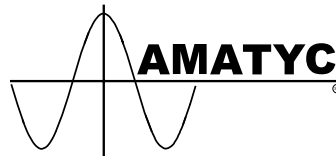


AMATYC Professional Development Opportunities

GAISEing Beyond the Crossroads

On Cape Cod in West Barnstable, Massachusetts • June 15-20, 2008

This workshop will provide participants with direct experience to help them develop classroom activities and assessments that are aligned with both the ASA endorsed Guidelines for Assessment and Instruction in Statistics Education (GAISE; www.amstat.org/education/gaise/) and recommendations in the AMATYC publication, *Beyond Crossroads*. Each participant will be part of a team that develops a lesson plan and materials that can be incorporated into an introductory statistics course.



Mathematics for Future Teachers

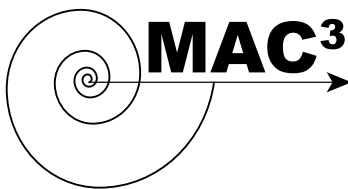
Enumclaw, Washington • June 19-23, 2008

This AMATYC Summer Institute will provide teachers of future teachers with the concepts, activities, and techniques that can be directly used in their courses. Participants will use learning centers to creatively investigate ideas in problem solving, measurement, probability, and statistics. Each participant will receive a packet of classroom tested activities for their own use. Participants will also be given time to produce and refine their own activities.

As a special feature of this Institute, participants will be introduced to integrated mathematics and science activities that take advantage of the unique surroundings of the Enumclaw area. The Institute will also focus on the use of literature in teacher preparation courses, and the incorporation of service learning activities.

The MAC³ Project

Lowell, Massachusetts • July 15-18, 2008



The Mathematics Across the Community College Curriculum (MAC³) project supports faculty from all disciplines who are interested in increasing the mathematics or quantitative components in other disciplines. The purpose of this Institute is to provide faculty with the time and assistance to develop mathematics across the curriculum activities and assessments. The Institute, modeled after other national MAC³ programs, offers an overview of the numerous and diverse

ways mathematics can be integrated with other disciplines. Session topics include Service Learning and Community Engagement, Learning Communities Models, Developing Learning Outcomes and Pre/Post Assessment, and Spreading the MAC World through Changing the Culture. In addition, the Institute will provide extensive time for faculty terms to plan together and work with the Facilitator, as well as to share ideas with one another.

Registration Forms for all AMATYC Professional Development Opportunities are available online at www.amatyc.org



Important Dates and Deadlines

April 4, 2008	Deadline for Proposal to present at MichMATYC 2008.
May 2 & 3, 2008	MAA/MichMATYC Meeting, Grand Valley State University
May 31, 2008	Deadline for applications for the MichMATYC Student Scholarship.
June 30, 2008	Deadline to nominate a colleague for the MichMATYC Teaching Excellence Award.
September 30, 2008	Last day to register for the AMATYC Student Mathematics League without a late charge.
October 10 & 11, 2008	MichMATYC 2008 Conference, Delta College.
November 1, 2008	Proposals to present at AMATYC 2009, Las Vegas are being accepted. http://www.amatyc.org . (Deadline: February 1, 2009)
November 20 - 23, 2008	AMATYC Annual Meeting, Washington, DC.
December 8, 2008	Deadline to nominate a colleague for the AMATYC Teaching Excellence Award http://www.amatyc.org .

The BC Way: Embracing Change for Continuous Improvement **Colorado Springs, Colorado • June 6-7, 2008** **San Diego, California • July 10-11, 2008**

Implementing the standards outline in *Beyond Crossroads* means making a commitment to continuous improvement in instruction to enhance student learning. Embracing the call to continuous improvement is a key component of professional growth. The attendees of these workshops will use the *Beyond Crossroads* Implementation Cycle to develop, assess, and improve projects of their choice.

Each two-day workshop/conference will have multiple sessions to choose from. There will be common plenary sessions and concurrent break-out sessions and opportunities to work on specific projects and/or to focus on specific aspects of *Beyond Crossroads* standards and recommendations.



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