

# MichMATYC Sum-Times



Two-Year College Mathematics in Michigan

Edited by Jack Rotman, Lansing CC

May 2012

## MichMATYC Conference 2012 - October 5 & 6, 2012

Monroe County Community College

### **Innovations in Teaching Mathematics**

Monroe CCC will host the Fall conference. You are invited to submit proposal to present your innovative teaching ideas. Proposals are due on June 8. Call for Presenters form is available at <http://www.michmatyc.org/michmatyc2012/CallForPresenters2012.pdf>.

Invited speakers include

Vilma Mesa (University of Michigan)

Kathy Almy (Rock Valley College)

John Squires (Chattanooga State Community College).

An exciting Friday evening program includes the Jeff Daniels comedy "Escanaba in Love", and dinner at a local restaurant. More information will be available at [www.michmatyc.org](http://www.michmatyc.org). We hope to see you in October.

## President's Message

Bernard Cunningham, Mott Community College  
Greetings:

At the business meeting in October of 2011 at Lansing Community College, it was suggested that MichMATYC join MCTM and have a joint conference. The Executive Board of MichMATYC after being approached by the President of MCTM (Kevin Dykema) decided that it would not be in our best interest to share a conference. The timing of each conference would not correlate for either of the audiences involved. Instead, we proposed to offer a panel discussion at their conference on the status of mathematics at the Community Colleges of Michigan. As you will read later in my report from Mott Community College, things are changing and we thought it would be good to inform the high school instructors what is happening at our level. Now there might be a problem...a panel means more than one person. Therefore, I am soliciting volunteers from our organization to help field a panel for the MCTM Conference that is being held in Traverse City on August 1-2, 2012. I know it is a tough place to justify being in early August. Please help me become a panel of more than "ONE"! My email is "bernard.cunningham@mcc.edu".

Newsflash from Nancy Sattler, President Elect of AMATYC: AMATYC will once again this year be offering one scholarship to a member of your affiliate who will be attending the AMATYC annual conference in Jacksonville, Florida November 8-11, 2012. Although you have the option of giving this free registration to any AMATYC member in your affiliate, I hope that you choose to give this to someone who has not yet attended the

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Reminder: June 1 is the deadline to submit materials for Karen Sharp Student Scholarship and the MichMATYC Teaching Excellence Award: <http://michmatyc.org/awards.html>

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conference. I will be sending you further information in the future on how the recipient of the scholarship will need to register for the AMATYC conference.

So, please let me know if you would like to be considered for the scholarship to attend AMATYC in November, 2012. The Executive Board will select the person from the list that we have and the winner will be awarded a free early registration by AMATYC. Last year no one replied from our membership and I was awarded the free registration. Something is wrong with this picture, so volunteer yourself by using the email above!

Do not forget to reserve the October date of our conference at Monroe Community College!

Have a great summer.

**MICHMATYC: KAREN SHARP  
STUDENT SCHOLARSHIP, AND  
TEACHING EXCELLENCE AWARD**

Consider your students and colleagues ... nominate them for the scholarship or award.

Forms and further details are available on our web site at <http://michmatyc.org/awards.html>

**Deadline for materials: June 1, 2012**

**CONFERENCES & EVENTS**

MICHMAA & MICHMATYC SPRING CONFERENCE 2012

PLACE SAGINAW VALLEY STATE DATE MAY 4 – 5

[HTTP://MATH.WAYNE.EDU/~ISAKSEN/CONFERENCE/12MICHMAA/](http://MATH.WAYNE.EDU/~ISAKSEN/CONFERENCE/12MICHMAA/)

MICHMATYC ANNUAL CONFERENCE 2012

PLACE MONROE COUNTY CC DATE OCTOBER 5-6

<http://michmatyc.org/>

AMATYC 38<sup>TH</sup> ANNUAL CONFERENCE 2012

PLACE JACKSONVILLE, FL DATE NOVEMBER 8 TO 11

<http://www.amatyc.org/Events/conferences/2012Jacksonville/>

**MichMATYC Treasurer's Report (2010– 2011)**

Beginning Balance as of 10/14/ 2010 **\$5308.77**

**RECEIPTS (10/14/2010 - 10/06/2011)**

Muskegon CC (membership dues paid with conference registration)	\$545.00
Muskegon CC (scholarship contributions made with conference registration)	\$305.00
Membership Renewal Dues (received by Treasurer)	\$35.00
Student Scholarship Contributions (received by Treasurer)	\$15.00
Muskegon CC Conference Registration fees (not including scholarship donations and membership dues)	\$2885.00
Muskegon CC Friday Social Event Revenue (lunch & dinner)	\$1230.00
Vendor Contributions (tables, presentations, and meal sponsorship)	\$1950.00
Google Deposit	\$1.73
<b>Total Receipts</b>	<b>\$6966.72</b>

**DISBURSMENTS (10/14/2010 – 10/06/2011)**

Muskegon CC Conference Food Services (breakfast, lunch, snacks, and Friday catering)	\$2825.00
Conference Wrap-up Dinner Meeting (Friday event)	\$43.46
Keynote Speaker Travel Expenses	\$450.34
Muskegon CC Conference Supplies & Postage	\$206.70
Professional Networking and Hospitality (AMATYC 2011)	\$100.00
AMATYC Foundation Donation (September 2011)	\$500.00
Domain Name Renewal (1 yr)	\$15.00
Newsletter (mailing and printing/ Lansing CC)	\$41.93
Student Scholarship Awards (1 recipient)	\$500.00
SML Award (one award / 1 <sup>st</sup> place recipient)	\$100.00
Business Account Checks Order	\$58.00
TE Award Plaque	\$40.00
<b>Total Disbursements</b>	<b>\$4880.43</b>

**FUNDS AVAILBLE as of 10/06/2011 \*\$7395.06**

\*Balance includes \$476.00 from scholarship fund

Prepared by Sam Bazzi  
MichMATYC Secretary/ Treasurer

## Campus News

### **Bay de Noc Community College** (Rep: Sarah Flum)

I am retiring the end of this semester (a hectic time). I look forward to new adventures. I have enjoyed being a member of MichMATYC for over 20 years and have always found the fall programs fun, educational and inspiring. Keep up the good work! The college has delayed hiring a replacement for me at this time due to budget uncertainties etc. This leaves us with 4 full time math instructors. I know everyone likes to keep up on these stats as we watch the economic uncertainties.

Other news, our math science center is thriving, with many opportunities for student interactions, study groups, tutoring and of course our very successful SI (Supplemental Instruction) program. We are completing a year of using the Hawkes system in our pre, basic and intermediate algebras.

Britt Slade has agreed to take over as rep for bay. She has attended MichMATYC meetings and many national conferences. She is our math person at our West Campus and teaches all levels of math.

### **Macomb Community College** (Rep: Jon Oaks)

Macomb hosted a Math and Technology Conference on January 28th, that went very well. The attendance was so great that we plan to host a conference again next January in a larger venue.

One of our Achieving the Dream initiatives, a Math Bridge Program for high school students, is well into the planning stages. The program will include workshops on fractions, decimals, percents, and factoring polynomials. The workshops will be open to the general public as well through our Continuing Education Program.

Our retirees this semester are Barry Cogan and Jerry Brantley. Both of them will be missed by all after their many years of service at Macomb. We wish both of them good luck and good health in their futures.

### **Mid-Michigan Community College** (Rep: David Kedrowski)

Here at Mid Michigan Community College we have a couple of initiatives under way. We're

going to be trying an online homework system with multimedia ebook in Calculus I and a section of Business Math. Our goal is to get students to spend more time on task working problems while getting support from all of the supplemental materials built into the ebook. It's been at least five years since we tried something like this and we're hoping the technology has improved enough to make it worthwhile. A Title III grant our student services division received two years ago calls for us to try the Emporium model in the 2013-14 academic year, with planning for the trial to occur in the 2012-13 school year. It's not our language (we were not involved in writing the grant at all) but we're working to figure out how to satisfy the written language and do some research into the role of computers in developmental courses. Finally, we may be building momentum toward a developmental redesign, which should be very exciting if we can get to critical mass and agree to move forward.

### **Monroe County Community College** (Rep: Khadija Ahmed)

After one semester of pilot to iron out any "issues", MCCC math department has fully implemented the Emporium model in all sections of developmental math this Winter semester. We are very excited about the results. At the same time, we continue to find ways to make improvements. We hope to present our preliminary data at the fall conference. We had a late start, but are busily planning the fall conference, and would like to invite you to join us on October 5 & 6. Our theme this year is "Innovations in Teaching Mathematics". Please submit a proposal to present, or just come to listen, learn and enjoy what other colleagues are doing. Look for more information on the MichMATYC website and your campus e-mail.

### **Mott Community College** (Rep: Bernard Cunningham)

Greetings from Mott Community College (MCC). The full time faculty have developed a course that will be an alternative to taking Intermediate Algebra course for the General Education requirement at MCC. We will now have three tracks. The STEM track, the Technical Math track, and the other track that the mathematics nation is struggling to name at this point in time. For lack of a better description, it can lead directly to the standard Statistics and Probability course. The main topics are all inclusive of courses from the past that have been named Finite Mathematics, Liberal Arts Math, etc. It was designed so that if

the two national movements in this direction become a reality and the Universities accept these courses as transfer credits, then the material that is included in the course at MCC would transfer with very little modification. The faculty wanted to do this course once and not revise it 5-10 years down the road. The main topics are: review real numbers and algebraic expressions, proportional reasoning, exponents, polynomials, factoring, mathematical models, basic statistics and probability, technology integration, linear programming, matrices, sequences and series, systems of equations, and inverses of functions. A calculator is a must! A book is being sought after with a few suspects that might work with supplemental materials. The name of the course is Foundations of Mathematics II. This implies that there is a course before this. Correct! The first course will be on the same level as Beginning Algebra in the STEM track. A calculator will also be allowed for the Foundations of Mathematics I course.

**North Central Michigan** (Rep: Gary Kersting; information from Brian Goetz)

NCMC has recently undertaken a redesign of our developmental mathematics curriculum with two major developments. First, parallel tracks for courses in Quantitative Literacy and Beginning/Intermediate Algebra have been developed. The goal is to give students course options that are meaningful to their needs while minimizing the massive overlap between the usual Beginning and Intermediate Algebra sequence. Secondly, students studying content in Pre-Algebra and below will do so in a self-paced mastery environment. Options to complete topics beyond Pre-Algebra will be available as well as pre-requisite content needed by students entering medical fields. College-wide, the faculty, are very excited about the mathematical experiences our students will have.

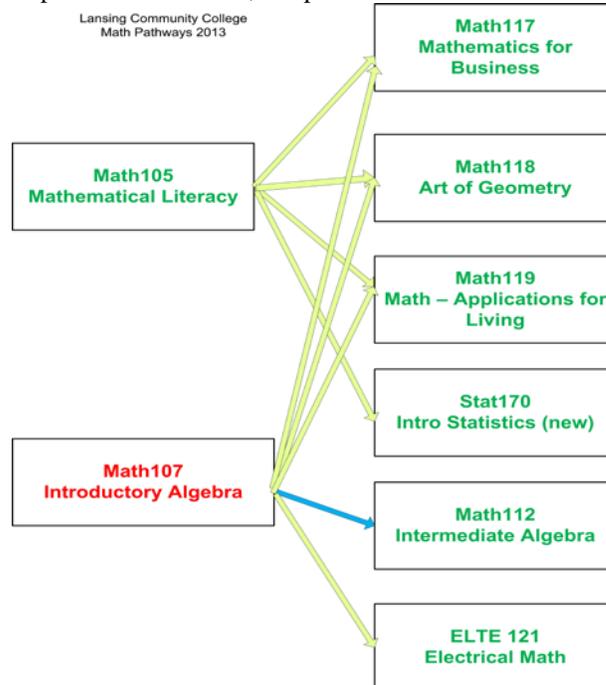
## Developmental Mathematics in Michigan

By Jack Rotman

As you can see from the “Campus News”, some activity is currently underway in the state of Michigan to reform or redesign developmental mathematics.

At Lansing, we are starting a process that will provide a second path in developmental mathematics. Our new Math105 (Mathematical Literacy) course will have the content of the New Life “MLCS” course. Once we

implement that course, our paths will look like this:



If you can not read this chart, here is a link to the same information <http://www.devmathrevival.net/?p=913>

The Dana Center (University of Texas – Austin) is launching a “New Mathways Project”. I’ve got a brief note about that available <http://www.devmathrevival.net/?p=903>

You can see that the MichMATYC conference this year will feature information on various alternatives (see page 1). If you can attend AMATYC (see page 2), you will see a similar emphasis.

The Michigan Center for Student Success (<http://www.mcca.org/content.cfm?m=47&id=47>) is considering having a Michigan Webinar on developmental mathematics, followed by a convening of colleges interested in sustained work. Watch for further information.

On June 6, an AMATYC webinar by Uri Treisman and Jack Rotman will present an overview of the concepts for reform in developmental math, along with practical ways to implement. By late May, information will be at <http://www.amatyc.org/publications/webinars/index.html>

Much of this work in developmental mathematics is related to the New Life project (see the wiki at <http://dm-live.wikispaces.com/>). If you have any questions, feel free to contact Jack Rotman ([rotmanj@lcc.edu](mailto:rotmanj@lcc.edu)).