



GMATYC News

A Publication of the Georgia Mathematical Association of Two-Year Colleges

President's Corner

Ralph Wildy, *GMATYC President*
Georgia Military College, Martinez



This is certainly an exciting time to be in undergraduate mathematics education. The diversity of our institutions and our students is inspiring. The future offers opportunities to explore by trying new strategies, techniques, and technology to increase student learning. GMATYC is a great asset to help us navigate through these exciting times.

In February, Dr. Christy Price in her keynote address at the GPC Mathematics Conference gave us a good description of the characteristics of the new millennial learners and how we can interact with them to increase learning. On April 30 I had the opportunity to listen to a presentation by Dr. Mark Taylor on this same group. He proposes that we can increase learning by moving more content out of the classroom. We have the technology today to

deliver content anywhere and anytime. Dr. Taylor suggests that our classroom time is way too valuable to be used for delivery of content, and we should use it to clarify content that students bring with them to the classroom. The explosion of technology gives promise to such techniques.

Just a cursory look at the other sessions at last February's GPC conference and you can see many themes along these lines. Let us use GMATYC to build our professional repertoire and expertise. If you are doing something new or exciting in your classroom or something exciting is happening on your campus, share it with us. Write an article for the newsletter or give a talk at the next GPC Math Conference. You can help make our organization more valuable by being an active member; volunteer to

serve on a committee or run for an office. Help us make this the organization we need. GMATYC, if you become involved, can enrich your professional life.

We also do not want to forget our affiliation with AMATYC. It is not too early to start planning your adventure at Boston in November 2010. Do you have any new faculty at your campus? If you do you might want to let them know about Project ACCESS. This project is an excellent way to get new faculty involved in our profession. Check out the web pages for both GMATYC and AMATYC to keep informed of all the exciting things going on.

(Send GMATYC Newsletter articles to Jessica.Craig@gpc.edu)

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Consider running for office! This year we elect the President-Elect and two members of the Nominating Committee

Contact Ann Hardy:
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23rd Annual Georgia Perimeter College Mathematics Conference

By Allison Williams, Georgia Perimeter College, Clarkston

The 23rd Annual Georgia Perimeter College Mathematics Conference was held on February 19th and 20th, 2010. The theme for this year's conference was "Sharing Ideas, Shaping Instruction". Over 130 participants came from around the southeast to learn from and share with their colleagues. The conference started with a morning of technology presentations. The topics ranged from innovative ways of using Smartboard software to sharing websites that offer free supplements to classroom instruction.

The keynote address was given by Dr. Christy Price from Dalton State College. Dr. Price's appearance was unique as she is a Professor of Psychology. Her research about the Millennial Student, though, is applicable across the curriculum. Dr. Price gave an insightful presentation, including student interviews that contrasted the perceived reality of students with that of many instructors. Dr. Price's insight into engaging millennial learners and improving student behaviors in the classroom gave her audience plenty to ponder as they continually work to improve their teaching techniques.

Friday afternoon and evening included more parallel sessions,

followed by a buffet dinner. Parallel session topics ranged from online learning to introducing risk in a statistics and probability class. Several Georgia Perimeter students gave a presentation and impressed their audience with group projects that they had prepared as a class assignment. The conference wrapped up with Saturday workshops on reading in the mathematics classroom, coping with math anxiety, mentoring the next generation of mathematicians, and real-world contexts for college algebra. As always, the conference brought presenters from all over - Arizona, New York, and Maryland to name a few.

Thank you to everyone who presented and/or participated in the 23rd Annual Georgia Perimeter College Mathematics Conference.

Next year's conference will be held on February 18th - 19th, 2011 at the Clarkston Campus of Georgia Perimeter College. More information will be posted on our website in the fall, <http://www.gpc.edu/~gpcmathc/>. We look forward to seeing you next year.



The 24th Annual Georgia Perimeter College Conference will be held on February 18 and 19, 2011 on the Clarkston Campus of Georgia Perimeter College

Don't miss the next GMATYC meeting during this conference.

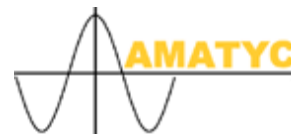
For conference info go to

<http://www.gpc.edu/>

[~gpcmathc/](http://www.gpc.edu/~gpcmathc/)

AMATYC Southeast Vice-President's Report

Donna Saye, AMATYC Southeast Vice-President, Georgia Southern University



AMATYC currently has two volunteer job openings. AMATYC is looking for a professional networking coordinator who will help the organization develop and maintain AMATYC's presence on social networking sites. Also, AMATYC needs a production manager for the MathAMATYC Educator. If anyone is interested in either of these two positions, more information is available at the AMATYC web site, <http://www.amatyc.org/>, by clicking on the links in the News/Highlights section for each position. The deadline for applications for the professional networking coordinator is April 30. (Editor's Note: The posting is still on the website as of May, 18.) The deadline for production manager is open until filled.

Do you have any new faculty

interested in Project ACCESS? If so, applications must be received by May 21. More information is available on the ACCESS web page at <http://www.access.amatyc.org/>. This project is an excellent way to get new faculty involved in the profession.

AMATYC has begun 3 initiatives during the past 3 years that I have been on the Executive Board:

- Bring-a-Friend Campaign which allows individuals who join online as new AMATYC members to include the name of a current AMATYC member who encouraged them to join. The current member whose name is given would receive a \$10 coupon to be used to renew his/her membership for the following year.

- Discount Registration for New Conference Attendees (\$50) and a Coupon for New Conference Attendees to receive a discount for the following year's membership dues (\$50). Thanks!

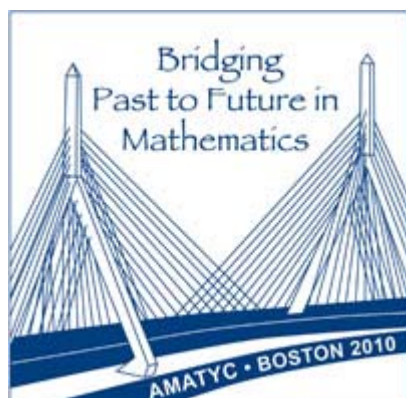
Donna Saye
VP, SE Region
AMATYC

36th Annual AMATYC Conference

Nov. 11-14, 2010
Boston, MA

For more information go to AMATYC website

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



36th AMATYC Annual Conference

Boston, MA
November 11-14, 2010

Conference Theme: *Bridging Past to Future in Mathematics*

New Life Project: AMATYC Developmental Math Project's Latest Information

From Jessica Craig

Are you frustrated by the number of students who don't obtain a college degree because they are not able to finish their developmental mathematics classes? Do you believe that we can do a better job furnishing these students with the mathematics skills they need for future courses and their professional life? If so, then you should examine the information on AMATYC's New Life for Developmental Mathematics Project. This project is designed to allow these weaker students to achieve the mathematical skills and the mathematical literacy they will need for future courses and their future life and careers in fewer developmental mathematics classes.

The goal of this project is summarized by the following statement. "The new vision focuses on developing mathematical reasoning, skills, and critical thinking for all developmental mathematics students as well as creating new academic pathways in mathematics for two-year college students."

Check out the websites that Jack Rotman (chair of AMATYC's Developmental Mathematics Committee) has sent. It is also possible to have a local presentation on this topic. There may even be grant money to implement the first course described

here.

<http://dm-live.wikispaces.com/>

This is the 'home page' for those looking into a new model.

<http://dm-live.wikispaces.com/Basics+Of+New+Life>

The four basic documents describing our new vision of mathematics preceding college-level.

<http://dm-live.wikispaces.com/NewLifeGuide>

A series of presentations (with audio) providing additional background on the project and our vision.

<http://dm-live.wikispaces.com/Mathematical+Literacy+for+College+Students>

Goals and outcomes for "MLCS". Our curricular vision involves two basic courses; the first one is currently called "Mathematical Literacy for College Students" (MLCS). This course is generating considerable interest in the profession AND among grant-making organizations. (You may have heard of 'mathway' -- that is MLCS; and 'statway' is a kindred project.)

<http://dm-live.wikispaces.com/ImplementerCentral>

This page serves two purposes.

First, it provides some guidance on how to get started on creating a new curricular model at your institution, including references. Second, it provides information for those considering a pilot of a new course like "MLCS" or "Transitions" (the second course) concerning data collection and faculty development.

<http://dm-live.wikispaces.com/Symposium2009>

Materials from last fall's Symposium on Developmental Mathematics (AMATYC Las Vegas conference ... Rosemary Karr & Jack Rotman), including a video of the symposium, the presentation slides, bibliography, and handouts.

Developmental Mathematics Mission Statement

Developmental mathematics programs exist in order to prepare students for collegiate mathematics courses, for other courses requiring a mathematical foundation, and for general academic success based partially on quantitative literacy. These developmental mathematics programs will allow flexibility for students, and enable students to consider additional & higher academic goals.



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