

FLORIDA TWO-YEAR COLLEGE MATHEMATICS ASSOCIATIONS WWW.HTTP://MCC1.MCCFL.EDU/FTYCMA/DEFAULT.HTM Fall 2009 Issue

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Volume 3.14159265358979323846264338327950288419

Famous Math Quote

"Mathematical Knowledge adds vigor to the mind, frees it from prejudice, credulity, and superstition."

-John Arbuthnot

Letter From The President

The theme for *Math in the Sun VII* is *The Undergraduate Road to Calculus*, and the purpose is to inspect that historical route. As with any traveled byway, it is necessary to examine the structure for sections that may need to be repaired or upgraded with new materials. I feel there are several organizations (FTYCMA, MAA, and FDEA, to name a few) doing an excellent job of determining needed patchwork and minor repairs on a continual basis. However, it is the viability of this road within the structure of the educational transportation system that concerns me the most. Why are fewer and fewer citizens choosing to travel this highway to its terminus? Is the road too long? Is it lacking scenery to keep the traveler's attention? Is the paving material so outdated and tough to drive on that travelers exit quickly? Is there no destination of interest at the other end? Do the travelers have ill-equipped vehicles before beginning their journey? These are the questions being raised for discussion at this year's retreat.

We would like to encourage mathematics educators from all levels of the algebra-based sequence of courses, College Prep to Calculus, to attend and share thoughts about the sequence and curriculum of these courses. To encourage discussion we will be considering such questions as: Is change necessary or should things remain the same they are now? If change is needed, then what are some possible models for improvement? Do some of these models encourage more students to pursue careers in mathematically-related fields? Would it help if we first examined the meaning of college-level algebra since this term seems to mean different things in different states? Is the meaning of college-level mathematics changing as we move deeper into the 21st century? Is it solely the undergraduate mathematics department's responsibility to assure that students achieve quantitative literacy as a general education outcome?

As you can see, this is no minor task since the undergraduate mathematics program in the first two years serves so many different areas and purposes. It is also difficult due to the wide spectrum of philosophies and levels of experience that individuals bring to such discussions. However, I feel that this is an opportunity for math educators from around the state of Florida to begin a discussion of a topic that is already being discussed in other arenas. And as long as we keep student preparedness for their future and our global society in mind along the way, we can make great strides in ultimately creating a superhighway for mathematics.

Sincerely, Don Ransford FTYCMA President



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Faculty Spotlight



PAULA G. CIFUENTESLake City Community College

Professor Cifuentes s a mathematics professor at Lake City CC. She teaches a wide variety of math courses. Her honors include the 2004 Florida Association of Community Colleges "Professor of the Year.", 2005 National Institute for Staff and Organizational Development Excellence in Teaching Award, 2004 and 2005 Who's Who Among America's Teachers.

She is currently a member of the following organizations: American Mathematical Association for Two-Year Colleges, National Council of Teachers of Mathematics, National Institute for Staff and Organizational Development, and Florida Association of Community Colleges.

She may be contacted at Phone Number: (386) 754-4260 Email: cifuentesp@lakecitycc.edu

Editor's Notes

Hello colleagues,

I hope your fall semester has started off well. Most of us carrying full loads and in some cases overloads. Classes are full and spilling out at the seams. Tests to grade and lessons to prepare. Yet through



all this we should keep an eye out for the wonderful professional development opportunities that are coming our way this fall and next spring. ANNUAL FDEA CONFERENCE at the Palace Resort & Spa in Daytona Beach, Florida on September 30-October 2, 2009. MATHEMATICS IN THE SUN Seventh Annual FTYCMA Retreat at Polk State College in Lakeland, FL on Oct 3rd 2009. The 35th AMATYC Annual Conference in Las Vegas, NV on November 12-15, 2009. MAA/FTYCMA Joint Spring Meetings at Santa Fe College in Gainesville, FL on February 19-20th, 2010. I hope you will be able to attend at least one of these meetings to professionally rejuvenate yourself.

Our individual membership dues is now \$10 per year and lifetime membership is \$150 still an excellent value for such professional development. Our website URL is www.http://mcc1.mccfl.edu/ftycma/default.htm.. Our aim at FTYCMA is to provide each fac-

ulty member in the math departments at the 28 community colleges in the state of Florida this electronic newsletter. To that task I am requesting you to forward this newsletter to as many of your colleagues as possible. We are an organization for you the math faculty in the state of Florida teaching mathematics in the first two years of a college program. Good luck and have an excellent semester.

From the Editor: Rick Pal



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CLAST Quietly Repealed

The 2009 Florida Legislature has quietly repealed the requirement to pass the "College Level Academic Skills Test" (CLAST) in order to be awarded an Associate in Arts degree. The change takes effect July 1, 2009.

In order to demonstrate continuing concern for institutional accountability and effectiveness, as well as performance standards for student learning outcomes, the Legislature maintained the current CLAST alternatives as degree requirements. All community college students who are completing an Associate in Arts (AA) Degree and are applying for admission to upper division (junior and senior level) programs in Florida state colleges and universities must still meet one of the required CLAST alternatives. University students who are completing their sophomore year also must meet the same requirements.

Please refer to Division memos with detailed CLAST information for guidance or contact Dr. Judith Bilsky.

Source https://app1.fldoe.org/CC Newsletter/View Article.aspx?LetterID=87&IDNum=844

Florida College System Tops National Report for Seventh Year in a Row

For the seventh year in a row, several Florida colleges rank among the top producers of associate degrees in the United States. According to Community College Week's annual Top 100 report conducted by the National Center for Education Statistics (NCES), Florida institutions lead America's more than 1,200 community colleges in an array of degree categories.

"Florida's colleges are helping to prepare our workforce for the demands of today's economy, and it's no surprise they continue to top national charts," said Education Commissioner Dr. Eric J. Smith. "I could not be more proud of a state college system that works so cohesively to better the lives of the students that pass through its doors, and I look forward to maintaining the commitment to access again next year."

Degrees awarded during the 2007-08 academic year were compiled for the 2009 Top 100 report through the NCES Integrated Postsecondary Education Data Set's Completion Survey. Degrees are defined as Associate of Arts, Associate of Science, and Associate of Applied Science degrees conferred during the 2007-08 academic year. With 49,354 degrees awarded last year, Florida colleges lead in the following categories.

Total Associate Degrees:

Number of Associate Degrees awarded to minorities

Degrees awarded to African-American students

Health Professions and Related Sciences Degrees

Nursing, Liberal Arts and Sciences, General Students and Humanities Degrees

Source https://app1.fldoe.org/CC Newsletter/View Article.aspx?LetterID=87&IDNum=847

To view Community College Week's annual Top 100 report for a list of Florida institutions and their national rankings, visit http://www.ccweek.com/news/templates/template.aspx?articleid=1153&zoneid=5



South Florida Community College
 St. John's River Community College

27. <u>Tallahassee Community College</u>28. Valencia Community College

26. St.Petersburg College

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Florida Community Colleges with their new name changes.



The map of Florida Community Colleges with their new name changes can be found http://www.fldoe.org/workforce/ccmap.asp

Florida Two Year College Mathematics Association



Math in the Sun VII:

The Undergraduate Road to Calculus

Saturday, October 3, 2009 Polk State College, Lakeland, Florida

Registration Form

General Information

Name						
College						
Address						
Phones	Cell		Home	o	ffice	
Email						
Are you a member of: FTYCMA	Yes	No	AMATYC	Yes	No	

Registration for the Retreat is \$25 in advance fo and \$40 for all participants not registered by Fr	r FTYCMA members, \$30 in advance for non-members, iday, September 18.
EARLY REGISTRATION (MEMBER)	\$25 <u> </u>
EARLY REGISTRATION (NON-MEMBER)	\$30
REGISTRATION AFTER SEPT. 19	\$40
FTYCMA MEMBERSHIP (ANNUAL)	\$10
FTYCMA MEMBERSHIP (LIFETIME)	\$150
TOTAL AMOUNT ENCLOSED \$	
Mail completed form and payment to: Michael Jamieson, FTYCMA Treasurer Central Florida Community College P. O. Box 1388 Ocala, FL 34478 (352) 854-2322 x1254 voice (352) 291-4450 fax	Please make checks payable to FTYCMA. We are now accepting Paypal Please Contact the Treasurer (jamiesom@cf.edu) or visit FTYCMA's Website (http://mccl.mccfl.edu/ftycma/default.htm) for details.
	•••••

Food

Registration includes a continental breakfast and lunch, as well as snacks throughout the retreat.

Directions to the Lakeland Campus

Directions to the **LAKELAND CAMPUS** of Polk State College can be found at: http://www.polk.edu/visitorsandfriends/maps/Pages/default.aspx

<u>Accommodations</u>

Information concerning accommodations can be found at http://mccl.mccfl.edu/ftycma/html/eyents.htm

Keep updated about the Retreat and other FTYCMA information at http://mcc1.mccfl.edu/ftycma/default.htm

Florida Two Year College Mathematics Association



Math in the Sun VII:

The Undergraduate Road to Calculus

Saturday, October 3, 2009 Polk State College, Lakeland, Florida

Schedule of Events Friday, October 2nd

3:00 - 5:00 PM	FTYCMA Officers' Meeting
	LTB 1302

Saturday, October 3rd

8:00-9:00 AM		Registration and Continental Break	fast
		LTB 1100	
9:00 -9:15 AM	Welcome		
	Dr.	Eileen Holden, President, Polk State	College
	Steve Hull, Provost, Lakeland Campus, Polk State College		
	Doi	nna Saye, AMATYC Southeast Region	al V.P.
		esident, Florida Two Year College Ma	
9:15-10:00 AM	Don Ransford, President, FTYCMA Janette Campbell, Secretary, FTYCMA Byron Dyce, Past-President, FTYCMA Michael Jamieson, Treasurer, FTYCMA		
	Ryan Ka	sha, Membership Services Coordinate	or, FTYCMA
10:00 - 11:15 AM	Small Working Groups Possible Questions for Discussion: What is College Level Mathematics (Gordon Rule)? Are there problems with the current sequence of algebra courses leading to calculus? If so, what are they?		
		bra courses be considered general e	
	Room LTB 1101	Room LTB 1102	Room LTB 1303
11:30 AM-12:15 PM	Lunch		
		LTB 1100	
12:30 - 1:00 PM	Large Group Discussion and Plan for Afternoon		
1:15 - 3:15 PM		Small Working Groups	
	Room LTB 1101	Room LTB 1102	Room LTB 1303
3:30 - 5:00 PM		Large Group Discussion and Summ	ary
		LTB 1100	



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2008 Fall Retreat Info

6th Annual FTYCMA Fall Retreat

St. Petersburg College, Tarpon Springs, Florida October 3 & 4, 2008

Defining Undergraduate Mathematics Competencies

- PowerPoint Presentation from <u>Alignment of Secondary and Postsecondary Mathematics Standards</u> Matthew Bouck, Florida Department of Education Dee Ann Wilson, Lake County Schools
- MAC 1105
- MAC 1140
- MAC 2233
- MGF 1106
- MGF 1107
- STA 2023
- These are PDF files, so use the link ADOBE Reader to download the Adobe Reader.



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35th AMATYC Annual Conference

Las Vegas, NV November 12-15, 2009 For more information please visit http://www.amatyc.org/Events/conferences/2009LV http://clab.cecil.edu/amatyc/

Conference Chairs

Margie Hobbs mjhobbs@olemiss.edu

Conference Coordinator Local Events Coordinator Program Coordinator Keven Docktor Wanda Garner kdockte@inverhills.mnscu.e wagarner@cabrillo.edu

Pat Roux pbroux@dcc.edu **Presider Chair** Bob Malena bmalena@ccac.edu

Exhibits Chair Jay Martin jemar-

Gwen Turbeville gturbetin@waketech.edu

Advertising Chair

ville@reynolds.edu

2009 AMATYC Conference Registration Rates:

AMATYC	Discount Registration	\$320		Discount Registration	\$420
Member	Regular (after 9/30/07)	\$360	member (Registration does	Regular (after 9/30/08)	\$460
	Single Day, Discount	\$125	not include a one- year membership)	Single Day, Discount	\$150
	Single Day, Regular	\$145		Single Day, Regular (after 9/30/08)	\$170

To qualify for the discount rate, if submitted via mail, registration form with payment must be postmarked on or before September 30, 2009. If submitted via the web or faxed, the completed registration form must be received on or before October 7, 2009. Registrations that do not meet these deadlines will be processed at the regular rate.

Do not mail the registration form after October 7, 2009. Do not fax registration form with credit card information or register online after October 14, 2009. After these dates, registration will be available on-site only. ount registration deadline: Sunday, September 30, 2008

Need a Roommate for the Conference?

AMATYC will offer a roommate service at the 2008 Annual Conference in Minneapolis. Please fill out the Roommate Network

Questions: contact the AMATYC Office (901.333.4643) or amatyc@amatyc.org. http://clab.cecil.edu/amatyc/ Conference program can be found at http://www.amatyc.org/Events/conferences/2008/conf-program.htm

All other enquires please visit AMATYC web site at http://www.amatyc.org/



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AMATYC Project ACCCESS is a mentoring and professional development initiative for two-year college mathematics faculty sponsored by the American Mathematical Association of Two-Year Colleges (AMATYC). The goal of the project is to facilitate current and continued professional growth for a cadre of two-year college mathematics faculty who will become the leaders of their profession. Participating Fellows will gain knowledge of the culture and mission of the two-year college and its students, acquire familiarity with the scholarship of teaching, commit to continued growth in mathematics, and participate actively in professional communities.

Fellows will attend two consecutive AMATYC national meetings where they will participate in a specially developed conference workshops as well as regular AMATYC conference activities. In the intervening year, Fellows are encouraged to attend an AMATYC Affiliate meeting, an MAA Section meeting or an NCTM Regional meeting near their home institution. For the duration of the project, an electronic network will link AMATYC Project ACCCESS Fellows with each other and with a group of distinguished mathematics educators. The development, implementation, and evaluation of a project will be a component of each Fellow's professional development experience.

Project ACCCESS has been in existence since 2004. A fourth group of Fellows was selected in summer 2007 and participated in ACCCESS workshops at the AMATYC conference November 2007 in Minneapolis. A fifth group of Fellows will be selected for the 2008-2009 academic year.

ELIGIBILITY: Mathematics faculty for whom the 2008-09 academic year will be the first, second or third year of a full-time renewable position at a two-year college are invited to apply for the next AMATYC Project ACCCESS cycle. Fellows will be selected on the basis of breadth of interests, motivation for participation, plans for implementing Project ACCCESS goals, interest in leadership and degree of institutional support. Twenty-four Fellows will be selected.

COST: There is no fee for participation in AMATYC Project ACCCESS itself. Funding will be provided by AMATYC for Conference Registration (Washington, D. C. and Las Vegas, NV conferences)

AMATYC Project ACCESS workshops (Washington, D. C. and Las Vegas, NV conferences)

Several meals (Washington, D. C. and Las Vegas, NV conferences)

Airfare (up to \$450) for the Washington, D. C. conference

Two nights' lodging (double occupancy) for the Washington, D.C. conference

AMATYC membership for the 2008 and 2009

We estimate that the total institutional commitment will be approximately \$1,500 spread over two fiscal years. Assurances of institutional support and eligibility are of critical importance in the acceptance process.

TO APPLY: The application deadline for Cohort 5 is May 1, 2008. More information about AMATYC Project ACCCESS, including a sample program, can be found at: http://www.acccess.amatyc.org/.

Project Coordinator for AMATYC Project ACCCESS:

Karen Gaines, St. Louis Community College, KGaines@stlcc.edu.



Demand it.

FTYCMA

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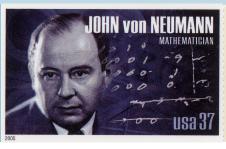
Community College Fact Book Library

The Fact Books have been moved to:

http://www.fldoehub.org/CCTCMIS/c/Pages/default.aspx









FTYCMA Rewards Outstanding Teaching and Service

In even numbered years, FTYCMA presents a Teaching Excellence Award to one of its members who has at least 5 years of teaching experience, has exhibited outstanding teaching ability, and has created or adapted innovative teaching methods or materials. (Special consideration is given by the committee to those who have shared such practices with colleagues.)

The list of past honorees is:

1994 Bill Jordan (Seminole state)

1996 Frank Ward (Indian River CC)

1998 Lou Cleveland (Chipola College)

2000 Bill Palow (Miami-Dade College)

2002 Martha Goshaw (Seminole state)

2004 John Salak (Talahassee CC)

2006 Dennis Runde (Manatee CC)

2008 Steven Grosteffon (Santa Fe CC)

In odd numbered years, FTYCMA presents an Outstanding Service Award to one of its members who has made an exemplary contribution to the teaching profession through length of service, advocacy of mathematics education, and contributions both to the success of FTYCMA and to the progress of others in the field.



The list of past honorees is:

1993 Mike Mears (Manatee CC)

1995 Joan Golliday (Santa Fe CC)

1997 Moana Karsteter (Tallahassee CC)

1999 Glenn Smith (Santa Fe CC)

2001 Guesna Dohrman (Tallahassee CC)

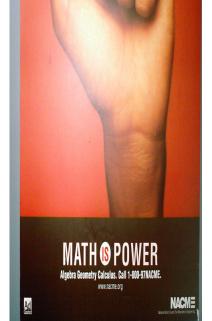
2003 Carl Hensley (Indian River CC)

2005 Cliff Morris (Valencia CC)

2007 Norma Agras

Each award recipient is recognized at the spring meeting with a plaque and a cash award of \$100; and since the next spring meeting will be in 2009 (an odd-numbered year), it is time to consider a nominee for the Outstanding Service Award.

If you would like to nominate a member of FTYCMA for the Outstanding Service Award, and you are currently a member, then forward the recommended person's name along with supporting documentation to D. Rick Pal at $\frac{drpal50@hotmail.com}{drpal50@hotmail.com}$.





Benefits of the life membership include:

- * A certificate of lifetime membership
- * A laminated wallet-sized membership card
- * A FTYCMA lapel pin, and
- * A reserved position in the honor roll of life members at the FTYCMA website. Current cost of a lifetime membership is \$150. Current cost of an annual membership is \$10.

Keep updated at http://mcc1.mccfl.edu/ftycma/default.htm

FTYCMA Membership Form	
Name	
College	
Address	
Phones	
Email	
Are you a member of AMATYCYes No	
Mail completed form and \$10 (annual) or \$150 (life membership) payment to: (Please circle or underline which membership)	



Michael Jamieson, FTYCMA Treasurer Programming Facilitator, Mathematics jamiesom@cf.edu



Professor Ryan Kasha
FTYCMA Membership Committee
Chair
Valencia Community College West
membership@ftycma.org
rkasha@atlas.valenciacc.edu

Central Florida Community College

P. O. Box 1388 Ocala, FL 34478 (352) 854-2322 x1254 voice (352) 291-4450 fax

jamiesom@cf.edu

Please make checks payable to FTYCMA.

We are not accepting credit card payments at this time.