



# NEWSLETTER



## Special Dates of Interest

October 13 & 14, 2006  
**Mathematics in the Sun IV  
Fall Retreat 2006**  
Topic: *Integrating the Web*  
Central Florida CC  
Ocala, FL



November 2-5, 2006  
**32<sup>nd</sup> AMATYC Annual  
Conference**Cincinnati, OH  
Cinergy Center, and Hyatt  
and Millennium Hotels.



February 16 & 17, 2007  
**Joint Meeting of FTYCMA/  
MAA Regional**  
Tallahassee CC  
Tallahassee, FL



## LETTER FROM THE PRESIDENT

For those of you who may not know me, my name is Byron Dyce and I am from Santa Fe Community College. I have assumed the position of President of our organization following the very excellent leadership of Martha Goshaw. I have been a member of FTYCMA for over 25 years, but have become increasingly active during the last 10 or so years. My goal and hope is that we will all become increasingly active, and truly make this *our* organization.



On that note, I would like to encourage everyone to start planning to attend our fall retreat which will be held at Central Florida Commu-

nity College in Ocala on October 13th and 14th, 2006. Our theme will be "Integrating the Web" — the whys, the pros and cons, the successes or failures, quality controls, and many other issues of interest. It is therefore a topic not only for those who teach online, but for all of us who teach any courses across the curriculum. A call for papers is included in this newsletter from our co-Vice Presidents for Programs, Sharon Griggs and Beth Goodbread, and I urge everyone to consider how they might personally become involved. I look forward to seeing you all in October.

## Mathematics in the Sun IV: Fall Retreat 2006 *Integrating the Web*



*The Fourth Annual FTYCMA Mathematics in Sun Retreat: Integrating the Web* seeks proposals dealing with successful practices and research centered around alternative methods of instruction from on-line to hybrid to blended (and anything else in-between). **Of special interest are presentations dealing with the theme of the conference: *Integrating the Web*.** Topics may include but are not restricted to the whys, pros and cons, successes or failures, quality control, and other issues of interest dealing with alternative areas of instruction in both higher level and developmental courses. Most importantly, the conference seeks presentations that combine innovative learning strategies, including collaborative and active learning, employing the Web and advanced technologies.

Proposals must be submitted electronically via e-mail. To submit a presentation proposal, please complete the application form attached to this newsletter or at the Events section of the FTYCMA website and email to both

[griggs.sharon@spcollege.edu](mailto:griggs.sharon@spcollege.edu) and [goodbread.beth@spcollege.edu](mailto:goodbread.beth@spcollege.edu) by September 15.

## *FTYCMA Well-Represented at February Meeting*

### FTYCMA Officers

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The FTYCMA membership should be proud of the number of sessions (10 out of 26) led by instructional leaders from community colleges and focusing on topics of interest to mathematics faculty and students in the first two years of college. An even bigger thanks goes out to the faculty at Manatee Community College who had more presenters than any other institution. Also presenting were faculty from Hillsborough CC, Indian River CC, St. Petersburg College, St. Johns River CC, Seminole CC, and Daytona Beach CC. **Let's do it again in 2007!**



At left: Carl Hensley (Indian River CC) displaying the end product of his now famous paper folding activity — From Disk to Pyramid. At right: Mike Keller (St. John's River CC) standing next to the cup pyramid used to assist in exploring curve fitting through a variety of learning styles.



## **FTYCMA Workshop at February Meeting Implementing the Developmental Plan-Let's Get Started**

A panel of expert Florida two-year college mathematics educators described and illustrated a variety of strategies they had employed as implementations of the Developmental Plan.

Gail Burkett of Palm Beach CC related the success story at her institution where they are offering a combination Introductory and Intermediate Algebra class that meets daily throughout the 16 week semester for 6 credits. Collaborative learning, enthusiasm and pass rates have all increased. Retention in this "combo" course is at 75 - 85% compared to 50% in other sections..

Beth Goodbread reported on a Title III Mini-Project that she and Sandy Lofstock of St. Petersburg College have put into place. Named *Title III to Mastery*, the elementary algebra program is a mastery-based sequence of modules which begins with a study skills component and rewards those who master skills immediately, but provides additional help to those who have not exhibited mastery. Student comments reveal an appreciation for the attention being paid to their varied levels of base knowledge and learning styles.

Kirk Bradley from Lake-Sumter CC shared how faculty at his institution purchased and are now utilizing manipulatives to encourage more group work and activity based

learning. Furthermore, Lake-Sumter has increased the number of contact hours in all their developmental courses to 4 with the fourth hour devoted to study skills.

Portfolios in Elementary Algebra classes were implemented by Sharon Erle at North Florida CC. Sharon provided a detailed description of the components she includes in her portfolios which all have a reflective aspect — this is not just a collection of papers. She also related some of the benefits and disadvantages of using this learning and assessment tool.

John Salak, math instructor at Tallahassee CC and chair of the Curriculum Committee for the Developmental Plan, related the work being done at his institution toward revitalizing Intermediate Algebra. With support from the administration, John interviewed colleagues with the intent of determining what their desired outcomes were for the course and proceeded to design a course and select materials that would support those objectives. The department plans to run a limited number of experimental sections in Fall 2006 while training faculty in preparation for widespread change in Spring 2007. John and colleague Moana Karsteter will be discussing the progress of this endeavor at a Friday session of the AMATYC Annual Conference.



# Keeping Current with the Standards! AMATYC Cincinnati 2007



Do you sometimes feel that you are working inside a vacuum, that **your** mathematics department “must be the only mathematics department in the world that has this problem,” or that “These students are just not getting it.”? Then schedule a flight to Cincinnati and register for the 32nd Annual Conference of the AMATYC from November 2 -- 5 at the Cinergy Center, and Hyatt and Millennium Hotels. Join a group of international mathematics instructors and professors from colleges and universities in gathering new ideas to revitalize their courses and in providing feedback to help direct needed changes in the field.



Keynote Speakers at the conference are: Wade Ellis, Jr. (*If You Want Change, Here's 2 Dimes and a Nickel*) and Colin Adams (*Blown Away: What Knot to Do When Sailing* by Sir Randolph Bacon III). Featured Speakers at the conference are: William G. Steenzen (*An Engineer's Flight from Aircraft Engines to Educational Standards*) and Larry Gilligan (*Tips, Tricks, and Experiences: 35+ Years and Counting*). Session categories include: Assessment, Articulation, Developmental Math, Math for General Ed., History, Instructional Strategies, Research, Student Support, Statistics, Teacher Prep., and Teaching with Technology. For more information, go to the AMATYC Website at [www.amatyc.org](http://www.amatyc.org).

Websites of Interest

[All Resources] include

Listings of Employment

Opportunities]

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American Mathematical Association of Two-Year Colleges

[www.amatyc.org](http://www.amatyc.org)

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Mathematical Association of America

[www.maa.org](http://www.maa.org)

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Florida Association of Community Colleges

[www.facc.org](http://www.facc.org)

## MANATEE CC DEPARTMENT CHAIR RECEIVES TEACHING EXCELLENCE AWARD

Manatee Community College (MCC) Mathematics Department Chair **Dr. Dennis Runde** received the 2006 Outstanding Teaching Award at the 2006 Joint Meetings of the Florida section of the Mathematical Association of America and FTYCMA hosted by Florida Atlantic University in Jupiter, Florida.

Dr. Runde has held the position of department chair for 6 of his 15 years at MCC. He has been recognized for his teaching excellence by NISOD, St. Stephens Episcopal School, and Manatee Community College and has presented at a number of conferences including AMATYC, MAA, FCTM, and the Chair Academy. Dr. Runde is also working on his 4<sup>th</sup> Edition as co-author of *A Survey of Mathematics with Applications*, a textbook used in Liberal Arts Mathematics courses, and has a doctorate degree in Curriculum and Instruction with emphasis in Mathematics Education from the University of South Florida and a master's degree in mathematics from the University of Wisconsin, Milwaukee.



Left to right: FTYCMA President Byron Dyce and Teaching Excellence Award Recipient Dennis Runde

FTYCMA Goals for 2006-2007

- Discovering how officers can best meet members' needs
- Increasing membership
- Increasing member involvement
- Promoting quality instruction for two-year college mathematics students

## LIFETIME MEMBERS OF FTYCMA



A roster of Lifetime Members is now posted on the FTYCMA website at [www.ftycma.org](http://www.ftycma.org).

The cost of a Lifetime Membership is currently \$75 (fifteen times the price of the current annual membership which is \$5).



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 \$75.

Current cost of an annual membership is \$5.

**Keep updated at [www.ftycma.org](http://www.ftycma.org)**

**FTYCMA Membership Form**

Name

\_\_\_\_\_

College

\_\_\_\_\_

Address

\_\_\_\_\_

\_\_\_\_\_

Phones

\_\_\_\_\_

Email

\_\_\_\_\_

Are you a member of AMATYC \_\_\_\_ Yes \_\_\_\_ No

Mail completed form and

\$5 (annual) or \$75 (life membership) payment to:  
(Please circle or underline which membership)

**Michael Jamieson, FTYCMA Treasurer**  
**Programming Facilitator, Mathematics**  
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Please make checks payable to FTYCMA.

We are not accepting credit card payments at this time.