Deepankar Rick Pal
President/Newsletter Editor
Valencia Community College
1800 South Kirkman Rd SW
Orlando, FL 32811
407.582.1307
407.733.9877
drpal100@hotmail.com

Penny Morris
President Elect
Polk State College
3425 Winter Lake Road Lakeland,
Florida 33803
Lakeland, Florida
pmorris@polk.edu

Janette Campbell
Secretary
Palm Beach State College
Lake Worth Campus
4200 Congress Avenue
Lake Worth, FL 33461
561.868.3168 (F)
campbejh@palmbeachstate.edu

Byron Dyce - Treasurer
Santa Fe College
3000 NW 83rd Street
Gainesville, FL 32606
352.256.3593 (C)
byron.dyce@sfcollege.edu

Bill Hemme
VP Programs
St Pete College
P. O. Box 13489
St Petersburg, FL 3373
727.341.4305
727.341.4332 (F)
hemme.bill@spcollege.edu

Ryan Kasha
Membership Committee
Valencia Community College-West
Campus
1800 South Kirkman Road
Orlando, FL 32811
407.582.1475
rkasha@valenciacc.edu

Mike Mears-Historian
C. Altay Özgener
Web Master
State College of Florida-
Manatee-Sarasota
5840 26th Street W
Bradenton, FL 34207
941.752.5227 941.727.6219 (F)
mearsm@scf.edu
Ozgenea@scf.edu

Don Ransford
Past President
Edison College
8099 College Parkway SW
Fort Myers, FL 33919
239.433.8056
239.489.9037 (F)
dransford@edison.edu

Volume 3.14159265358979323846264338327950288419716

**Famous Math Quote**
Every good mathematician is at least half a philosopher, and every good philosopher is at least half a mathematician.   **Friedrich Ludwig Gottlob Frege (1848-1925)**

NEWSFLASH: FTYCMA is rolling back membership dues from now through postmarked July 31st of 2011 only, at our old rate, where individual membership dues are $5 and lifetime membership is $75.
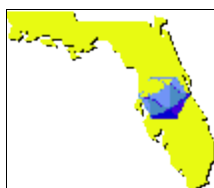
Come and join us at FL-MAA & FTYCMA
2011 JOINT ANNUAL MEETINGS
February 11-12, 2011
Valencia Community College-East Campus
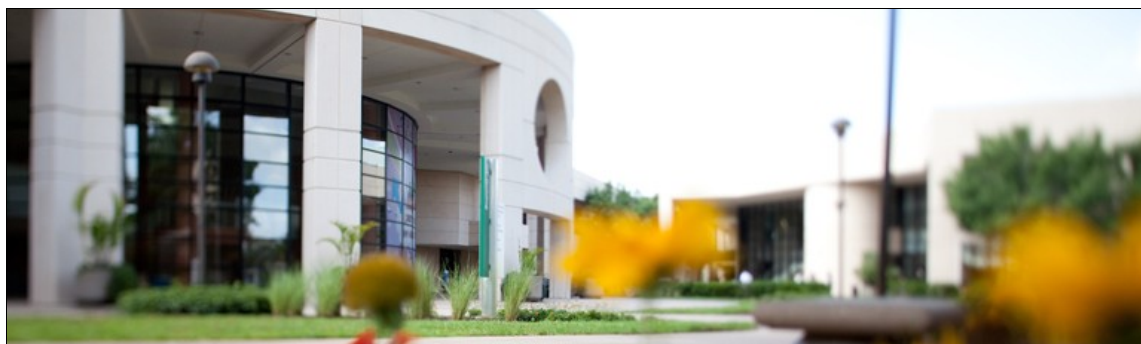
Florida Section of MAA   *FTYCMA*

The 2011 Joint Annual Meetings will be hosted by Valencia Community College-East Campus, February 11-12, 2011.

Three plenary speakers have already committed to the meeting. They are

- George Andrews, AMS President, Pólya Lecturer
- Paul Zorn, MAA President
- Catherine Bénéteau, University of South Florida

Along with the plenary talks, there will be the annual business meetings, awards banquet, invited speakers, workshops, and presentations. Daniela Genova from University of North Florida is the program chair for this meeting.

All other information can be gathered at the links:

Deepankar Rick Pal
President/Newsletter Editor
Valencia Community College
1800 South Kirkman Rd SW
Orlando, FL 32811
407.582.1307
407.733.9877
drpal100@hotmail.com

Penny Morris
President Elect
Polk State College
3425 Winter Lake Road Lakeland,
Florida 33803
Lakeland, Florida
pmorris@polk.edu

Janette Campbell
Secretary
Palm Beach State College
Lake Worth Campus
4200 Congress Avenue
Lake Worth, FL 33461
561.868.3168 (F)
campbejh@palmbeachstate.edu

Byron Dyce - Treasurer
Santa Fe College
3000 NW 83rd Street
Gainesville, FL 32606
352.256.3593 (C)
byron.dyce@sfcollege.edu

Bill Hemme
VP Programs
St Pete College
P. O. Box 13489
St Petersburg, FL 3373
727.341.4305
727.341.4332 (F)
hemme.bill@spcollege.edu

Ryan Kasha
Membership Committee
Valencia Community College-West
Campus
1800 South Kirkman Road
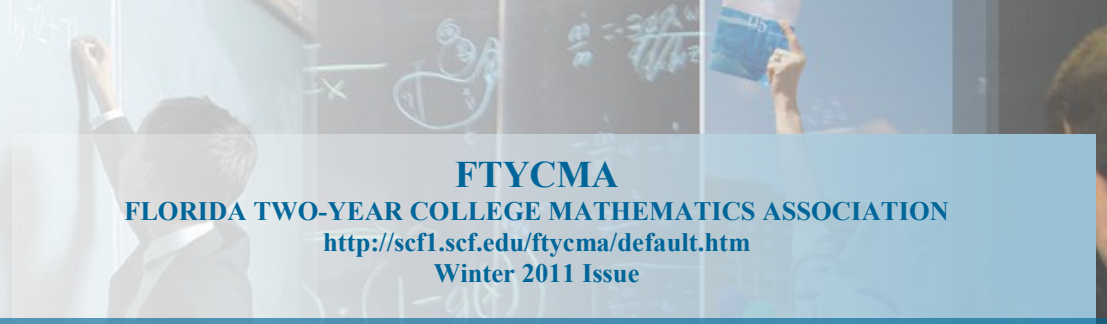Orlando, FL 32811
407.582.1475
rkasha@valenciacc.edu

Mike Mears-Historian
C. Altay Özgener
Web Master
State College of Florida-
Manatee-Sarasota
5840 26th Street W
Bradenton, FL 34207
941.752.5227 941.727.6219 (F)
mearsm@scf.edu
Ozgenea@scf.edu

Don Ransford
Past President
Edison College
8099 College Parkway SW
Fort Myers, FL 33919
239.433.8056
239.489.9037 (F)
dransford@edison.edu

Faculty Spotlight

Dr. Elmira Yakutova-Lorentz *Brevard Community College*

Professor Lorentz is a tenured mathematics professor at Palm Bay Campus of Brevard CC. She teaches a wide variety of math courses. Professor Lorentzcomes from Russia with a Ph.D. from Moscow State University. Her students describe her as " Dr. Y is a fabulous teacher. Although math is by far my worst subject, she made it easier for me to understand. People take her passion for teaching her subject in a negative view, which is an injustice. Dr. Y is a warm, caring person who will do whatever she can to help you succeed in her class." In addition to teaching math she also teaches astronomy. Another one of her students has this to add, "Always came to class prepared and organized. I can't say that for half the teachers I've had! I can see her passion for Astronomy when she teaches. She not only taught from the book but threw in some really cool fun facts to add more interest. Highly recommended teacher. I LOVE her accent too!" Dr Lorentz has presented papers at major conferences such as American Matheamtical Association for Two Year Colleges. She is also a book reviewer for author Cynthia Young's book on Algebra and Trigonometry.

She may be contacted at Phone Number: 321– 433-7532 Email: **yakutova-lorelorentze@brevardcc.edu**

Editor's Notes

Our current individual membership dues is $10 per year and lifetime membership is $150 still an excellent value for such professional development. But wait! We are planning to offer a roll back from now through July 31st, of 2011 at our old rate individual membership dues rate of $5 and lifetime membership is $75. Our website URL is **http://scf1.scf.edu/ftycma/default.htm**

Our aim at FTYCMA is to provide each faculty member in the math departments at the 28 state/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. Regardless if you have gone through a name change to a state college we are your organization. Attached also is the information on the new Statway Path as endorsed by AMATYC. Good luck and have an excellent semester.

Pictures from the FTYCMA Fall Retreat held at Polk State College on October 15th & 16th, 2010. Thanks to Kaye Betz and Penny Morris of Polk State College for all their hard work.

Volume 3.14159265358979323846264338327950288419716

Special Last Notification

The FTYCMA Constitution is up for amendment and is to be voted on February 2011 at the joint Florida MAA-FTYCMA meeting at Valencia community college east campus.

The following three pages of this newsletter the old constitution and the proposed new constitution are laid out side-by-side for your convenient perusal.

All recommended proposed changes are to be send to past president Don Ransford At

**Edison College
8099 College Parkway SW
Fort Myers, FL 33919
239.433.8056
239.489.9037 (F)
dransford@edison.edu**

**All of this information regarding the constitution is also available on the FTYCMA Website
http://scf1.scf.edu/ftycma/pdf/constitution.pdf**

Any recommended suggestions can also be send to the web master

**C. Altay Özgener
Web Master
State College of Florida-
Manatee-Sarasota
5840 26th Street W
Bradenton, FL 34207
941.752.5227
Ozgenea@scf.edu**

THE CONSTITUTION OF THE FLORIDA TWO-YEAR COLLEGE MATHEMATICS ASSOCIATION
Revised: OCTOBER 1, 1996
Article 1 – Name
The name of the association is the Florida Two-Year College Mathematics Association.
Article 2 – Purpose
The Florida Two-Year Mathematics Association is a nonprofit, education association. The purpose is:
a. to encourage the development of effective mathematics programs;
b. to afford a state forum for interchange of ides;
c. to further develop and improve the mathematics education and the mathematics-related experiences of students in two-year colleges;
d. to promote the professional welfare and development of its members.
Article 3 – Membership
Any person interested in two-year college mathematics education is eligible for regular membership.
Article 4 – Dues
Dues are paid by all members at the designated rates set at the Annual Meeting.
Article 5 – Officers
The officers of the Association are President, President-Elect, Past President, Vice President-Programs, Secretary, Newsletter Editor, and Treasurer. Each serves for a term of two years. The President-Elect automatically succeeds the President at the end of the President's term. The affairs of the Association are conducted by the officers of the Association, called the Executive Board, subject to the authority of the membership. In the event that an officer other than the President leaves office before the expiration of the regular term, the Executive Board shall appoint a replacement for the remainder of the term. Should the President leave office before the expiration of the regular term. The President-Elect will complete the unfinished term in addition to his/her regular term.
Article 6 – Meetings
The Association shall hold one regular business meeting, which is designated the Annual Meeting, each year. The Annual Meeting will normally be held in conjunction with the MAA-FL section Annual Meeting each spring. Additional meetings may be planned at the discretion of the Executive Board.
Article 7 – Elections
Officers are elected by regular members using the procedures outlined in the By-Laws. New officers start their term immediately following the Annual Meeting after each election.
Article 8 – Committees
Committees are created as needed by the Executive Board to carry out the purpose of the Association. These committees are dissolved, when appropriate, by the Executive Board.

THE CONSTITUTION OF THE FLORIDA TWO-YEAR COLLEGE MATHEMATICS ASSOCIATION
Revised: October 2, 2009
Article 1 – Name
The name of the association is the Florida Two-Year College Mathematics Association.
Article 2 – Purpose
The Florida Two-Year Mathematics Association is a nonprofit, education association. The purpose is:
a. to encourage the development of effective mathematics programs;
b. to afford a state-wide forum for interchange of ideas;
c. to further develop and improve the mathematics education and the mathematics-related experiences of students in the first two years of college;
d. to promote the professional welfare and development of its members.
Article 3 – Membership
Any person interested in mathematics education in the first two years of college is eligible for regular membership.
Article 4 – Dues
Dues are paid by all members at the designated rates set at the Annual Meeting.
Article 5 – Officers
The officers of the Association are President, President-Elect, Past President, Vice President-Programs, Secretary, Treasurer, Newsletter Editor, Webmaster, and Membership Services Coordinator. Each serves for a term of two years. The President-Elect automatically succeeds the President at the end of the President's term. The affairs of the Association are conducted by the officers of the Association, called the Executive Board, subject to the authority of the membership. In the event that an officer other than the President leaves office before the expiration of the regular term, a replacement shall be appointed by the President with the approval of the Executive Board. Should the President leave office before the expiration of the regular term, the President-Elect will complete the unfinished term in addition to his/her regular term. A quorum is defined as two-thirds of the Executive Board.
Article 6 – Meetings
The Association shall hold one regular business meeting, which is designated the Annual Meeting, each year. The Annual Meeting will normally be held in conjunction with the MAA-FL section Annual Meeting each spring. The membership shall be notified at least three months prior to any changes to the date of this meeting. Additional meetings may be planned at the discretion of the Executive Board.
Article 7 – Elections
Officers are elected by regular members using the procedures outlined in the By-Laws. New officers start their term immediately following the Annual Meeting after each election.
Article 8 – Committees
Committees are created as needed by the Executive Board to carry out the purpose of the Association. These committees are dissolved, when appropriate, by the Executive Board.

Volume 3.14159265358979323846264338327950288419716

Article 9 – Governing Rules
The rules contained in Robert's Rules of Order, Revised, govern in all cases to which they are applicable and in which they are not inconsistent with this Constitution or By-Laws.
Article 10 – Amendment Procedure
Proposed amendments to this Constitution are initiated by a majority vote to the total annual Assembly in the spring. Ratification of a proposed amendment is conducted by a mail ballot of all members. A two-thirds vote of approval of the members responding by the deadline stated on the ballot is required for ratification. Ballots will be prepared, distributed, and tallied under the direction of the Executive Board or its delegate(s).
Article 11 – Affiliations
The Association shall be affiliated with the American Mathematical Association of Two-Year Colleges, the Florida Council of Teachers of Mathematics, the Florida Section of the Mathematical Association of America, and the National Council of Teachers of Mathematics.
Article 12 – Dissolution
The Association may be dissolved only after an amendment of this Constitution has been adopted that provides for the transfer of all unencumbered funds to an organization with similar purposes.
Article 13 – Adoption
This constitution shall be adopted when approved by the majority of the interested people attending the Spring, 1997 meeting.
BY-LAWS OF THE FLORIDA TWO-YEAR COLLEGE MATHEMATICS ASSOCIATION
Revised: OCTOBER 1, 1996
Article 1 – Membership
Any person becomes a member upon filling out the membership form and paying dues for the current membership year. The membership year shall begin January 1 each year. Only members of the Association may hold office, nominate candidates for office, nominate candidates for awards, receive awards, or serve on official committees.
Article 2 – Duties of Officers
The President shall:
a. preside at all meetings of the association, serve as Chairman of the Executive Board, and prepare the agenda for all Assembly and Board meetings.
b. act as ex-officio member of all committees.
c. Appoint one of the members of the Executive Board to serve in he/her place in case of temporary absence.
d. organize and coordinate the program of the regular business meetings.
e. accept nominations and make appointments of delegates to the national convention of AMATYC and when applicable, NCTM.
f. take charge of publicity, public relations, membership.
g. perform all other duties that regularly pertain to the office.
The President-Elect shall:
a. serve as a voting member of the Executive board.
b. serve as Chair of the Nominating Committee.

Article 9 – Governing Rules
The rules contained in Robert's Rules of Order, Revised, govern in all cases to which they are applicable and in which they are not inconsistent with this Constitution or By-Laws.
Article 10 – Amendment Procedure
Proposed amendments to this Constitution are presented by the membership and initiated by the Executive Board. The proposed amendments are then communicated to the membership at the Annual Meeting and in the newsletter or other official means of communication. Ratification shall require a two-thirds vote of approval by members in attendance at the subsequent Annual Meeting.
Article 11 – Affiliations
The Association shall be affiliated with the American Mathematical Association of Two-Year Colleges, the Florida Council of Teachers of Mathematics, the Florida Section of the Mathematical Association of America, the Florida Developmental Education Association, and the National Council of Teachers of Mathematics.
Article 12 – Dissolution
The Association may be dissolved only after an amendment of this Constitution has been adopted that provides for the transfer of all unencumbered funds to an organization with similar purposes.
Article 13 – Adoption
This constitution shall be adopted when approved by the majority of
the interested people attending the Spring, 1997 meeting.
Amendment 1 – Review Process
The constitution and by-laws shall be reviewed by the Executive Board every six years beginning in 2010.
BY-LAWS OF THE FLORIDA TWO-YEAR COLLEGE MATHEMATICS ASSOCIATION
Revised: October 2, 2009
Article 1 – Membership
Annual Membership
Any person becomes an annual member upon filling out the membership form and paying dues for the current membership year. The membership year shall begin July 1 each year. Only members of the Association may hold office, nominate candidates for office, nominate candidates for awards, receive awards, or serve on official committees.
Lifetime Membership
Any person becomes a lifetime member upon filling out the membership form and paying fifteen times the annual membership dues.
Article 2 – Duties of Officers
The President shall:
a. preside at all meetings of the association, serve as Chairman of the Executive Board, and prepare the agenda for all Assembly and Board meetings.
b. act as ex-officio member of all committees.
c. Appoint one of the members of the Executive Board to serve in he/her place in case of temporary absence.
d. organize and coordinate the program of the regular business meetings.
e. accept nominations and make appointments of delegates to the AMATYC Annual Conference and when applicable, NCTM.
f. take charge of publicity, public relations, membership.
g. perform all other duties that regularly pertain to the office.
The President-Elect shall:

Volume 3.141592653589793238462643383279502884197169

The Past President shall:

a. serve as a member of the Executive Board.

b. serve as a member of the Nomination Committee

The Vice President-Programs shall:

a. be in charge of the FTYCMA portion of the Annual Meeting

b. serve as a voting member of the Executive Board.

c. Serve as a member of the Nominating Committee.

The Newsletter Editor shall:

a. create and distribute at least one edition of a newsletter each year.

b. notify members of Association meetings through the newsletter.

The Secretary shall:

a. be responsible for the official correspondence to the Association.

b. keep accurate permanent records of meetings of the Association and the Executive Board.

The Treasurer shall:

a. be in charge of records and funds of the Association.

b. be in charge of all receipts and disbursements of the Association and keep accurate records of the same.

c. make a financial report at each regular business meeting.

d. make an annual report, audited by a supervisory committee at the regular meeting.

e. keep an up-to-date file and mailing list of members and potential members.

Article 3 – Election Procedures

The nominating committee shall consist of the President-Elect (chair), the Past President, and two members appointed by the current President. The nominating committee shall select a slate of nominees for each office. Anyone desiring nomination for an office shall notify the Chair of the nominating committee in writing by mail and present to the chair a brief biographical sketch at least three months prior to the Annual Meeting. The election will take place at the Annual Meeting. After taking nominations from the floor, a vote will be called for each office. The nominee receiving the plurality of voter from members present will be elected to office.

Article 4 – Amendment of the By-Laws

Amendments to the By-Laws may be proposed by the majority vote of the Annual Meeting. The proposed changes become part of the By-Laws by the affirmative vote of a simple majority of members responding by mail ballot by the deadline stated on the ballot. Ballots will be prepared, distributed, and tallied by the Executive Board or it delegate(s).

a. serve as a voting member of the Executive board.

b. serve as Chair of the Nominating Committee.

The Past President shall:

a. serve as a voting member of the Executive Board.

b. serve as a member of the Nomination Committee.

The Vice President-Programs shall:

a. be in charge of the FTYCMA portion of the Annual Meeting

b. organize and coordinate scheduled events other than the regular business meeting.

c. serve as a voting member of the Executive Board.

The Secretary shall:

a. be responsible for the official correspondence to the Association.

b. keep accurate permanent records of meetings of the Association and the Executive Board.

c. serve as a voting member of the Executive Board.

The Treasurer shall:

a. be in charge of records and funds of the Association.

b. be in charge of all receipts and disbursements of the Association and keep accurate records of the same.

c. make a financial report at each regular business meeting.

d. make an annual report, audited by a supervisory committee at the regular meeting.

e. keep an up-to-date file and mailing list of members and potential members.

f. serve as a voting member of the Executive Board.

The Newsletter Editor shall:

a. create and distribute at least one edition of a newsletter each year.

b. notify members of Association meetings through the newsletter.

c. serve as a voting member of the Executive Board.

The Webmaster shall:

a. design, establish and maintain the official website for the Associaton.

b. serve as a voting member of the Executive Board.

The Membership Services Coordinator shall:

a. assist the President with plans to retain and increase the membership of the Association.

b. produce and present materials associated with the lifetime membership at the regular business meeting.

c. serve as a voting member of the Executive Board.

Article 3 – Election Procedures

The nominating committee shall consist of the President-Elect (chair), the Past President, and two members appointed by the current President. The nominating committee shall select a slate of nominees for each office. Anyone desiring nomination for an office shall notify the Chair of the nominating committee in writing at least three months prior to the Annual Meeting. The election will take place at the Annual Meeting. After taking nominations from the floor, a vote will be called for each office. The nominee receiving the plurality of votes from members present will be elected to office.

Article 4 – Amendment of the By-Laws

Amendments to the By-Laws may be presented by the membership and accepted as a proposal by a simple majority vote of members in attendance at the Annual Meeting. Notification of the proposed changes to the By-Laws will be communicated in the newsletter or other official means of communication. Ratification shall require a simple majority vote of approval by members in attendance at the subsequent Annual Meeting.
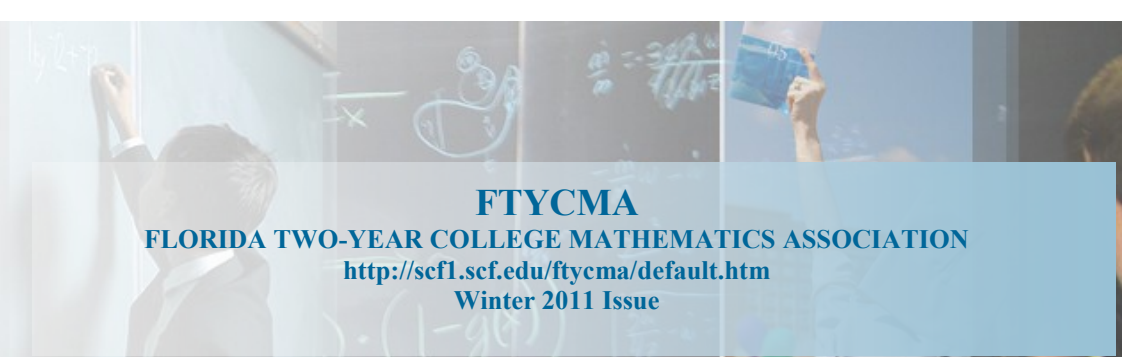
Florida AMATYC members at the AMATYC National Conference in Boston, MA November 2010

President elect Professor Penny Morris of Polk State College. Her email address is pmorris@polk.edu

Professor Jerrett Dumouchel
Professor of Mathematics
Florida State College at Jacksonville
South Campus
11901 Beach Blvd., C119
Jacksonville, FL 32246
904-646-2238
jdumouch@fscj.edu
Professor Dumouchel will be the Local Events Coordinator for the AMATYC National conference in Jacksonville, Florida in November, 2012.
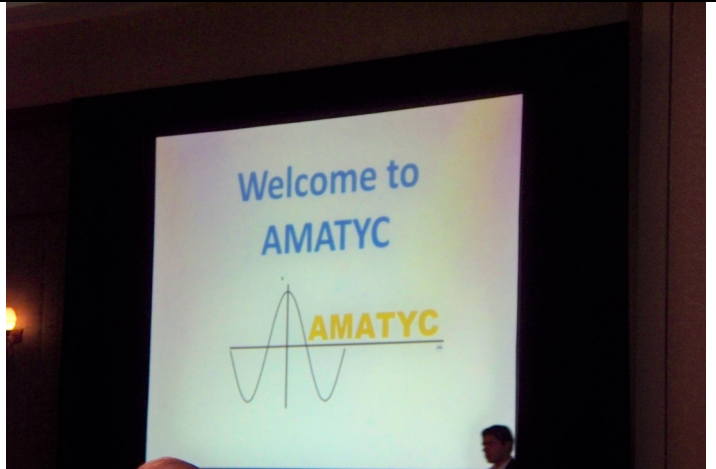
AMATYC Leadership

AMATYC National Conference, Boston MA 2010
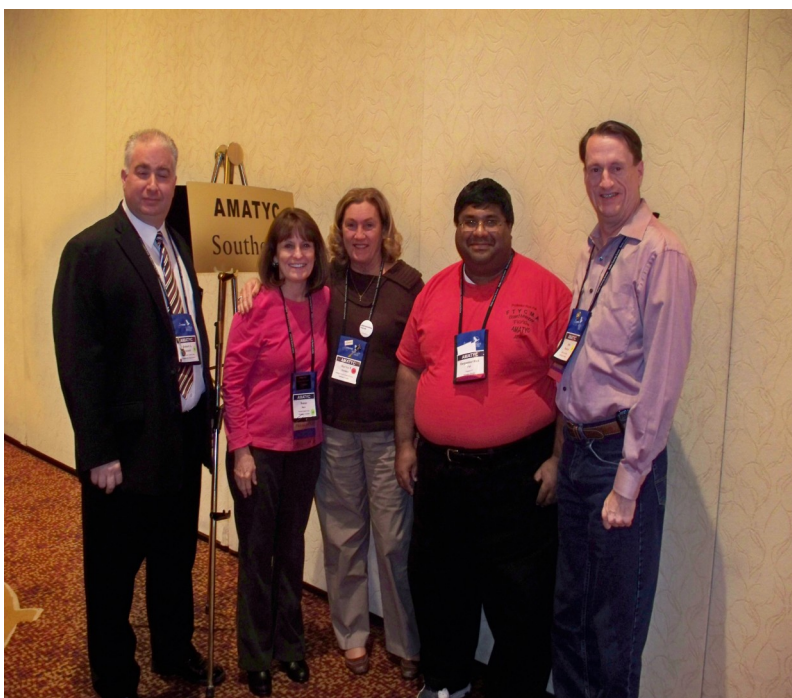
From left to right: AMATYC Past President Rob Farenelli, AMATYC Southeastern Vice President Donna Saye with Martha Goshaw Florida Delegate to AMATYC, Current President of FTYCMA Deepankar Rick Pal, Past FTYCMA President Don Ransford.

Photos From AMATYC 2010 Annual National Meeting
Boston, MA

Old Ironsides-USS Constitution – check out the link below!

http://www.ussconstitutionmuseum.org/visit/index.htm

Boston Garden-check out the link below!

http://www.tdbanknorthgarden.com/

Congress Street check out the link below!

http://en.wikipedia.org/wiki/Congress_Street_(Boston)

From the famous TV show Cheers check out the link below!

http://www.cheersboston.com/pub/

Florida Community Colleges with their new name changes.
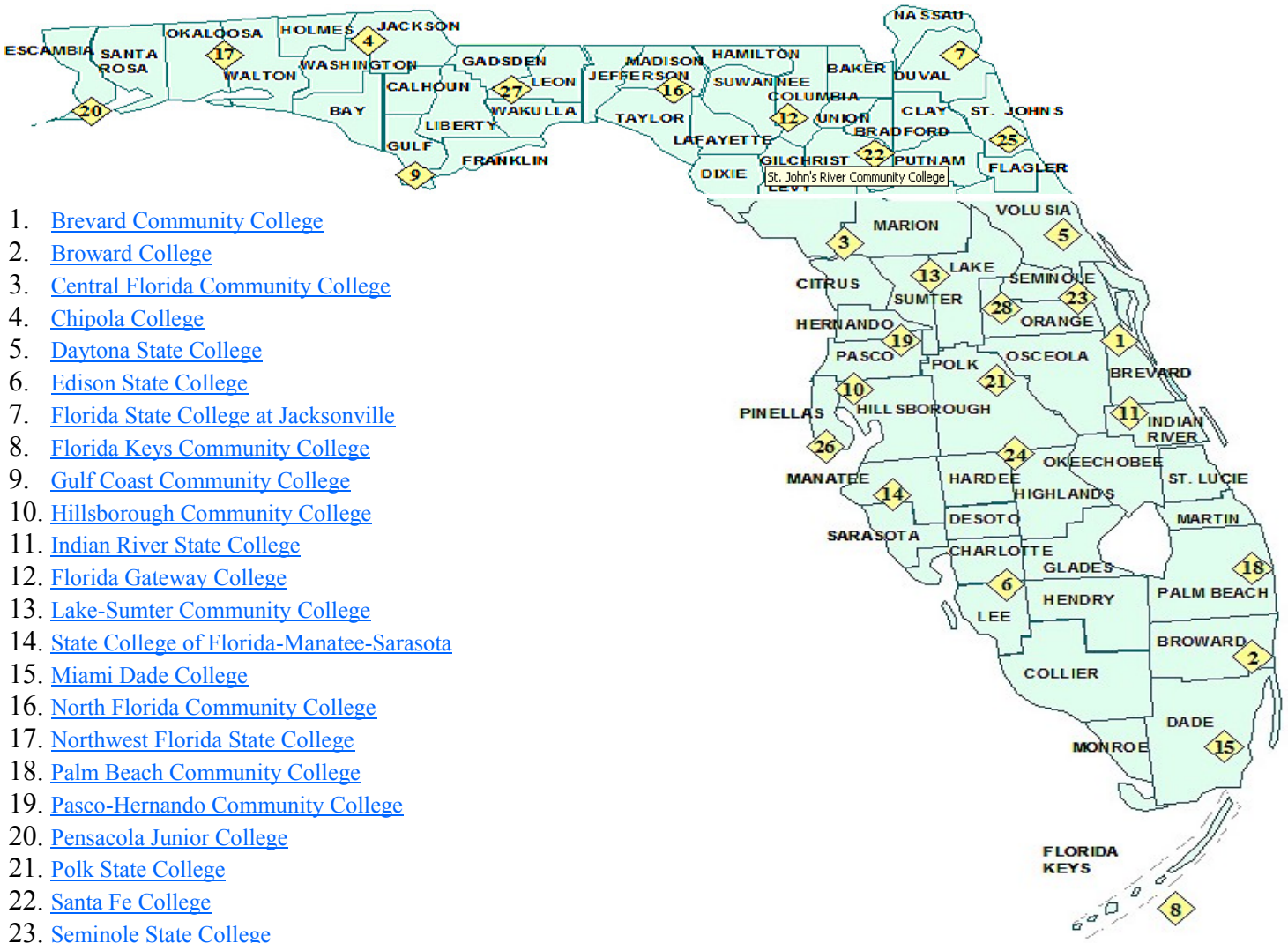
1. Brevard Community College
2. Broward College
3. Central Florida Community College
4. Chipola College
5. Daytona State College
6. Edison State College
7. Florida State College at Jacksonville
8. Florida Keys Community College
9. Gulf Coast Community College
10. Hillsborough Community College
11. Indian River State College
12. Florida Gateway College
13. Lake-Sumter Community College
14. State College of Florida-Manatee-Sarasota
15. Miami Dade College
16. North Florida Community College
17. Northwest Florida State College
18. Palm Beach Community College
19. Pasco-Hernando Community College
20. Pensacola Junior College
21. Polk State College
22. Santa Fe College
23. Seminole State College
24. South Florida Community College
25. St. John's River Community College
26. St.Petersburg College
27. Tallahassee Community College
28. Valencia Community College

The information on the Florida Community Colleges with their new name changes can be found
http://data.fldoe.org/workforce/contacts/default.cfm?action=showList&ListID=52
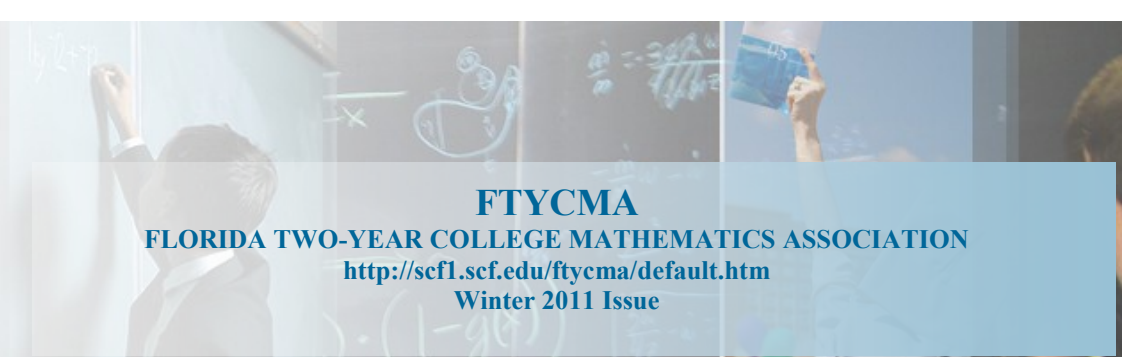
Get ready for 37th AMATYC Annual Conference
in Austin, TX
November 10-13, 2011

Conference Theme: *Shootin' for the Stars*

AMATYC Home | Conference Home | Join AMATYC

Call for Presenters

Hotel Reservations

Exhibitors

Advertising

2010 Conference in Boston

Welcome to the 2011 AMATYC Conference site. Check back regularly for updates to this page.

Proposals to present in Austin can now be submitted! Click on the link in the left menu for details. The deadline for submitting a proposal to present a session or workshop in Austin is February 1, 2011.

The 2011 conference exhibitors forms are now available at

http://www.amatyc.org/Events/conferences/2011Austin/

Conference Chairs						
Conference Coordinator	Assistant Conference Coordinator	Local Events Coordinator	Program Coordinator	President Chair	Exhibits Chair	Advertising Chair
Keven Dockter	Judy Williams	Helen (Honey) Kirk	Wanda Garner	Darlene Winnington	Frank Goulard	Louise Olshan
keven.dockter@anokaramsey.edu	jwilliams@tcc.edu	hkirk@alamo.edu	wagarner@cabrillo.edu	dwinning@dtcc.edu	fgoulard@pcc.edu	Lolshan@ccm.edu

Community College Fact Book Library

The Fact Books have been moved to:
http://www.fldoehub.org/CCTCMIS/c/Pages/default.aspx
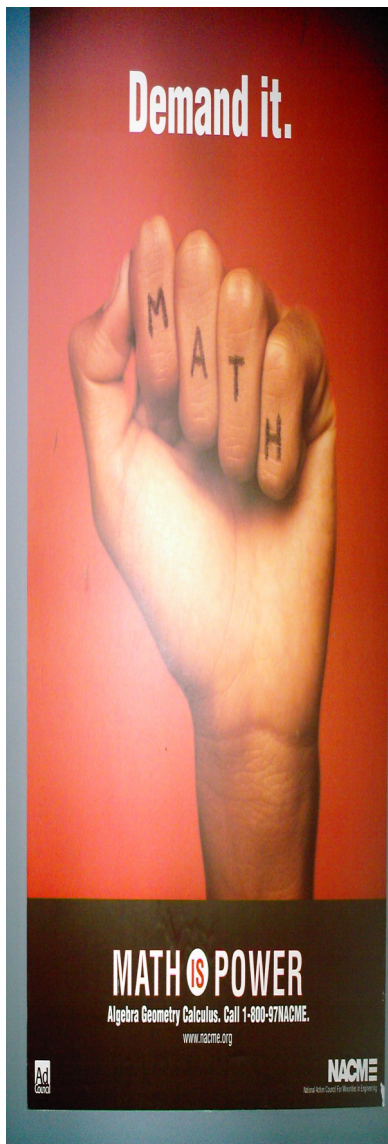
FTYCMA Rewards Outstanding Teaching and Service

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)

2010   Debbie Garrison (Valencia 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

2009 Janette Campbell (Palm Beach CC)

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 2011 (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 drpal100@hotmail.com .

Keep updated at
http://scf1.scf.edu/ftycma/default.htm

FTYCMA Membership Form

Name

_____

College

_____

Address

_____

_____

Phones

_____

Email

_____

Are you a member of AMATYC _____ Yes ـــــــ No

Mail completed form and

  $10 (annual) or $150 (life membership) payment to:

  (Please circle or underline which membership)

Central Florida Community College

Byron Dyce,
FTYCMA Treasurer

byron.dyce@sfcollege.edu

Professor Ryan Kasha
 FTYCMA Membership Committee Chair
Valencia Community College West
rkasha@atlas.valenciacc.edu
407.582.1475

Byron Dyce
Santa Fe College
3000 NW 83rd Street
Gainesville, FL 32606
352.256.3593 (C)
byron.dyce@sfcollege.edu

Please make checks payable to FTYCMA.

NEWSFLASH: FTYCMA is rolling back membership dues from now through postmarked July 31st of 2011 only, at our old rate, where individual membership dues are $5 and life-time membership is $75.

NEW MAT 0029 STATWAY COURSE INFORMATION
Developmental Mathematics for Statistical Understanding

The state of Florida has designated course number MAT 0029 as the first course in the Statway path we've been discussing. Please review the proposed outline Valencia's Statway team has created for MAT 0029. It is attached to this note for convenient reference. The outline is also available through Valencia's Course Outline Builder.

I thought you might be interested in the attached comments about Statway from Anthony Bryk (President, the Carnegie Foundation for the Advancement of Teaching) and Uri Treisman (Executive Director, the Charles A. Dana Center at the University of Texas at Austin), David M. Bressoud (President, MAA), Robert A. Farinelli (President, AMATYC), and Ron Wasserstein (Executive Director, ASA).

If you have questions or suggestions, any local member of the Statway design team will be happy to hear from you.

Lisa Armour, (407) 582-1357, larmour@valenciacc.edu
Roberta Brown, (407) 582-5605, rbrown75@valenciacc.edu
Jody DeVoe, (407) 582-2305, jdevoe@valenciacc.edu
James Lang, (407) 582-2490, langj@valenciacc.edu
Russell Takashima, (407) 582-1724, rtakashima@valenciacc.edu

Thank you!

Lisa Armour, Ph.D.
West Campus Dean of Mathematics Valencia Community College

Dr Lisa Armour, (407) 582-1357, larmour@valenciacc.edu
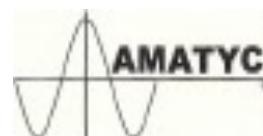
July 15, 2010

Dr. Anthony Bryk
President
The Carnegie Foundation for the Advancement of Teaching
51 Vista Lane
Stanford, CA 94305

Dear Dr. Bryk,

On behalf of the American Mathematical Association of Two-Year
Colleges (AMATYC), I am pleased to offer support for the excellent
work of the Carnegie Foundation for the Advancement of Teaching
toward this initiative to strengthen pathways to and through college
mathematics in community colleges. I also wish to express
appreciation for the opportunity to offer feedback on the preliminary
work of the Carnegie Foundation and the Charles A. Dana Center
at The University of Texas at Austin on the *Statway* component of
the initiative.

AMATYC is pleased to offer its support of the *Statway* sequence.
AMATYC has been involved in the development of the Carnegie
Statway initiative and supports the goals and outcomes of the
Statway experience. In addition, the AMATYC Statistics Committee
has reviewed the Statway Student Outcomes and finds them
consistent in philosophy and practice with the AMATYC Standards
Beyond Crossroads and parallel with the learning outcomes of an
introductory college-level Statistics course offered across the
country.

Thank you for the opportunity to partner with you on this important
project.   We look forward to continued collaboration.

Sincerely,

Robert A. Farinelli
President

Dear Dr. Bishop,

On behalf of the American Statistical Association (ASA), I am pleased to offer support for the excellent work of the Carnegie Foundation for the Advancement of Teaching toward this initiative to strengthen pathways to and through college mathematics in community colleges. I also wish to express appreciation for the opportunity to offer feedback on the preliminary work of the Carnegie Foundation and the Charles A. Dana Center at The University of Texas at Austin on the *Statway* component of the initiative.

The ASA put together a review group consisting prominent statisticians, statistics educators, authors of the *Guidelines for Assessment and Instruction in Statistics Education (GAISE) Report* and members of the ASA Committee on Statistics in Two-Year Colleges. Members of the group included Martha Aliaga, Carolyn Cuff, Beth Chance, Jacquelin Dietz, Chris Franklin, Rob Gould, Katherine Halvorsen, Julie Hanson, Sterling Hilton, Sue Schou, Milo Schield, Mary Sullivan and Jessica Utts. The group synthesized their recommendations for this one year program that includes both developmental level algebra and introductory statistics and provided them in the online survey. A narrative containing additional suggestions and comments is attached there.

The ASA is pleased to offer its endorsement of the *Statway* sequence . We are pleased by the attention given to supporting community college students advance their career goals in areas such as allied health or public safety or continue their education in non-STEM fields. We are enthusiastic about the goals and objectives that, for the most part, echo similar objectives in the GAISE. We are excited by the prospect of large numbers of two-year college students learning statistics from a course based on these solid foundations.

Thank you for the opportunity to partner with you on this important project. We look forward to continued collaboration.

Sincerely,

Ron Wasserstein, Executive Director

MAT 0029DEVELOPMENTAL MATHEMATICS FOR STATISTICAL UNDERSTANDING

Major Learning Outcomes with Evidence, Core Competencies and Indicators

Students will deepen their ability to reason and use numbers.

Corresponding Evidence of Learning

- Student will be able to demonstrate number sense.
- Student will be able to demonstrate proficiency in making calculations with rational numbers; know how and when to estimate results and round results.
- Student will be able to create multiple representations of rational numbers and be able to recognize which representation is most useful for addressing a problem or conveying quantitative information.

Students will represent proportional relationships and solve problems that require an understanding of ratios, rates, proportions, and scaling.

Corresponding Evidence of Learning

- Student will be able to compare proportional relationships that may be represented in different ways and understand the role and function of k in the relationship y = kx.
- Student will be able to distinguish between absolute difference and relative difference, and use percentages to describe changes in a quantity or the error of an estimate given the exact value of the quantity.
- Student will be able to apply quantitative reasoning strategies to proportional relationships in real-world problems using units effectively and precisely.

Students will reason using the language and structure of algebra to investigate, represent, and solve problems.

Corresponding Evidence of Learning

- Student will be able to use variables, evaluate expressions, and solve for unknown quantities and for quantities that may vary.
- Student will be able to represent real-world and quantitative situations with equations, inequalities, expressions, tables, verbal descriptions, symbols, and graphs.
- Student will be able to solve linear equations and inequalities and explain how results relate to the original context.

Students will understand functions as a way of modeling a correspondence between two variables.

Corresponding Evidence of Learning

- Student will be able to represent a function algebraically and compute values of a function.
- Student will be able to describe a function verbally, algebraically, graphically, and in a table of values, and make connections among representations.
- Student will be able to conjecture about the behavior of a function given several values of the function and a given context.
- Student will be able to model situations with linear, quadratic, and exponential functions, inequalities, and equations.
- Student will be able to investigate graphically and numerically (with technology) the effect of changing a parameter within a model.

Students will use linear functions to model situations involving constant rates of change.

Corresponding Evidence of Learning

- Student will be able to describe the slope as the rate of change of the function using appropriate units.
- Student will be able to determine and interpret the intercept(s) and slope given the graph, an equation, or two or more points on a line.
- Student will be able to determine the line of best fit given a set of points that exhibit a linear trend.
- Student will be able to calculate and interpret the errors or deviation from a line of best fit that is used to model a data set with a linear trend.

Students will use exponential functions to represent relationships between variables involving exponential growth and decay.

Corresponding Evidence of Learning

- Student will be able to identify and quantify exponential growth or decay in formulas, graphs, tables, and applications.
- Student will be able to describe transformations of the graphs of exponential functions.
- Student will be able to compare exponential models to other models.

Students will recognize and apply appropriate college readiness skills.

Corresponding Evidence of Learning

- Student will be able to Engage in the learning environment by attending class regularly, communicating ideas, listening critically and responding appropriately.
- Student will be able to Prepare for class by completing homework on time, being quiz- and test-ready.
- Student will be able to Study effectively by developing organization, time management, note taking and test taking skills, and understanding stress management and goal setting.