



Spring 2015 Edition

The official publication of the
Maryland Mathematics Association
of Two Year Colleges.

MMATYC Conference – Friday May 29th, 2015 Frederick Community College Main Campus: Student Success Center

Dina Yagodich (dyagodich@frederick.edu) will serve as this year's conference coordinator. The conference theme is MATH: We Put the "M" in STEM! Consider presenting at this conference. Presentation proposals will be accepted through May 8th. Those accepted to present will be notified by May 17th. Hope to see you all there! Visit <http://goo.gl/forms/4EO66kLCHa> to submit a conference proposal, or <http://goo.gl/forms/CYFCLPMm44> to register.

MMATYC Who's Who in for 2015

President: Evan Evans (mmatyc.org@gmail.com)
2015 Spring Conference Chairperson: Dina Yagodich (dyagodich@frederick.edu)
Past President: Donna Sperry (DonnaS@csmd.edu)
Treasurer: Tom Seremet: (Toms@csmd.edu)
Secretary: Christine Mirbaha (cmirbaha@ccbcmd.edu)
Affiliate Delegate to AMATYC: Christine Mirbaha (cmirbaha@ccbcmd.edu)
Alternate Affiliate Delegates:
Sarah Miller (smiller10@ccbcmd.edu) and Sarah Hand (SarahH@csmd.edu)
Newsletter Editor: Sarah Miller (smiller10@ccbcmd.edu)
AMATYC Student Math League Chairperson: Sue Strickland (sml@amatyc.org)
MMATYC Student Math League Liason to AMATYC: Matt Lochmann:
(mlochman@howardcc.edu)
MMATYC - DEAM Liason: Kylenea Cross (from Frederick C.C. email needed)

Campus Representatives:

AACC: Amber Rust
ACM: Steven Fairgrieve
BCCC: Sofya Kerzhner
Carroll: Vacant
Cecil: Alketa Nina
Chesapeake: Vacant
CCBC: Christine Mirbaha
CSM: Sarah Hand
FCC: Greg Coldren
Garrett: Vacant
Hagerstown: Vacant
Harford: Vacant
Howard: Catherine LaFerriere
MCC: Irene Moshesh, Ben Nicholson
PGCC: Roxanne King, Julie Gordan
Wor-Wic: Richard Dilling

If you would like to serve for a vacant position or if any of this information is inaccurate, please email: smiller10@ccbcmd.edu

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LOOKING BACK:

We had a great time at the 40th AMATYC Conference in Nashville in November 2014. Here are some images from the Mid-Atlantic Regional Luncheon.



Quotable

"Do not worry about your difficulties in Mathematics. I can assure you mine are still greater."

-Albert Einstein

Fun From The Files

Do you know the answer to this famous math problem?

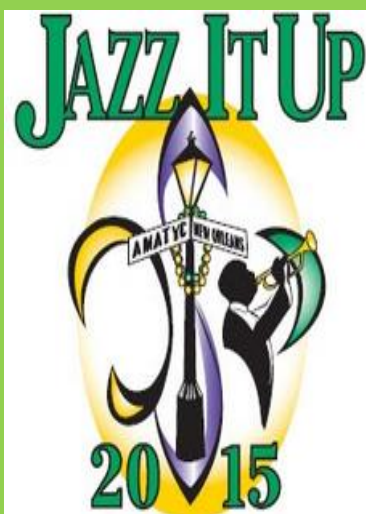
In an equilateral triangle, with side lengths 1 unit, what is the largest area that can be covered by three non-overlapping circles inside the triangle?

LOOKING FORWARD:

Have you registered yet for the 41th Annual AMATYC Conference to be held in NEW ORLEANS, LOUISIANA from November 19-22, 2015.
Conference Theme: **Mathematics: JAZZ IT UP!**

See www.amatyc.org for further details and to register.

Poster and preside applications are currently being accepted.



UPCOMING AMATYC WEBINARS

visit: <https://amatyc.site-ym.com/> to register.

- 1. Integrating the Mathematical Practices in Mathematics for Elementary Teachers Courses**
Speaker: Dr. Meg Moss
Committee Date: **Thursday, April 23, 2015**
Time: 3:00pm EDT
- 2. Content in Context: Teaching Students with Real-World Applications**
Speaker: Stefan Baratto
Date: **Tuesday, May 12, 2015**
Time: 12:30pm EDT
- 3. eCATS: Electronic Classroom Assessment Techniques: Taking the temperature of learning in the classroom?**
Speaker: Leah Chuchran
Date: **Monday, June 13, 2015**
Time: 2:00pm EDT

Recordings of each presentation will be made available for a few weeks following each event.

AMATYC TRAVELLING WORKSHOPS



Equip your mathematics faculty with the curricular, pedagogical, and technology tools to ensure that all students will have the mathematics they need to succeed in the 21st century.

Bring in a Traveling Workshop for your campus professional development event or for a regional conference.

Traveling Workshops are **customized** to fit the needs of your event and audience. Traveling workshops can provide training for up to 30 participants.

Contact the Traveling Workshop Coordinator, Ana Jimenez at ajimenez@pima.edu.

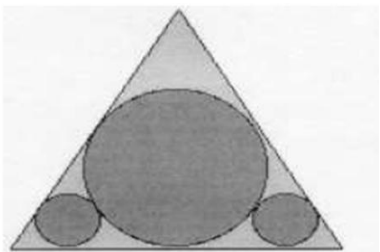


Get Involved

There are many ways in which you can get involved in MMATYC. Here are just a few:

- 1) Join: Send \$10 membership fee to Tom Seremet who teaches at the College of Southern Maryland.
- 2) Present at the MMATYC Spring Conference on May 29thst. (See page 1 for details about submitting a proposal.)
- 3) Come to the MMATYC Spring Conference on May 29th. (See page 1 for registration details.)
- 4) Contribute an article to our newsletter. (Send submissions to smiller10@ccbcmd.edu.)
- 5) Consider hosting an upcoming MMATYC conference. (Send ideas to Evan Evans at mmatyc.org@gmail.com.)
- 6) Become your campus' MMATYC representative. (Send your name and email address to both Sarah and Evan.)

Solution to the Fun From the Files Problem:

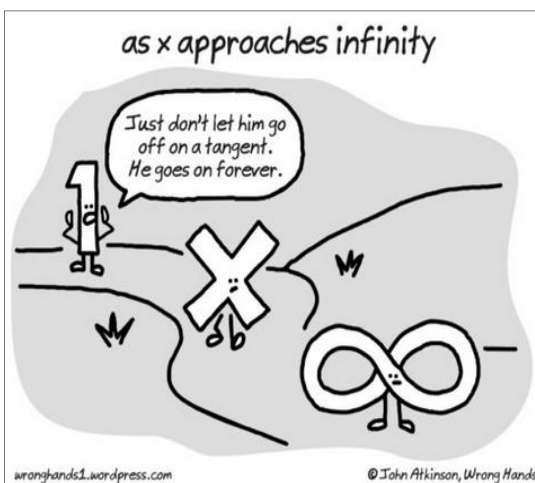


$$\frac{11\pi}{27\sqrt{3}} \approx 0.739$$

MMATYC's Google+ Community

Join the MMATYC Google+ Community to share ideas and stay in touch. It is a private community and offers a great space in which to collaborate with each other.

The only requirement to be part of the MMATYC Google+ community is that you must have a gmail account and have activated your google+ associated with that gmail. Send Evan Evans an email at mmatyc.org@gmail.com if you are interested in joining the MMATYC Google+ community.



INNOVATIVE!

Are you doing something innovative on your own campus? Contact smiller10@ccbcmd.edu to have your innovation published in an upcoming edition of this newsletter.

At CCBC, under the direction of Assistant Dean of Mathematics Michael Venn, "master" online courses are being developed as the basis from which all online instructors will work. This provides unified standards for students and reduces work for instructors as well. The goal is for all online courses to receive Quality Matters certification in the next few years.

How have online course policies at your institution changed in the past few years? Visit our Google + community to begin a conversation.

10 GREAT INSTRUCTIONAL STRATEGIES FOR DEVELOPMENTAL MATH

- #1 Actively engage your students.
- #2 Connect with your students on a personal level .
- #3 Comparing different strategies/algorithms for solving the same problem.
- #4 Create a risk free environment for questioning.
- #5 Require Problem Solving and higher order thinking.
- #6 Communicate with your students electronically before and after class.
- #7 Provide connections to the real-world.
- #8 Encourage estimation and the use of mental math.
- #9 Use schema based instruction.
- #10 Require writing and Reflection of learning.