



VMATYC  
VISIONS  
Spring 2016

The newsletter of the Virginia Mathematical Association of Two Year Colleges

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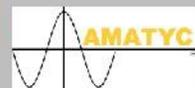
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## Notes from the President

**Susan Evans**

[sevans@wcc.vccs.edu](mailto:sevans@wcc.vccs.edu)



Hello VMATYC members and others interested in reading our spring 2016 newsletter! The spring 2016 semester is quickly drawing to a close and I hope it has been a productive one for you, your students and your college.

It was great to see many of you at the VCCS Math peer group meeting February 19 and 20 at Central Virginia Community College. VMATYC would like to once again thank the VCCS Office of Professional Development, CVCC president John Capps, onsite conference coordinator Alison Moore and VMATYC president-elect Bruce Wahl for all of their hard work and dedication to providing such a wonderful experience for the math faculty of the VCCS.

The first year, of my two year term as VMATYC president, is almost over. Having been a member of the VMATYC Executive Board for the past seven years I had some specific goals in mind when I assumed this office. My goals are to:

1. Continue to foster and build the relationship between the VCCS and VMATYC
2. Update the VMATYC Constitution and By-Laws to accurately reflect the organization as it currently exists
3. Formalize the annual budget process
4. Create an operations and procedure manual for the VMATYC Executive Board.

VMATYC did all that we could to support the success of the VCCS Math peer group meeting so #1 is ongoing and going well. At the VMATYC Annual Business meeting, proposed changes to the VMATYC Constitution and By-laws were approved by the majority of members present. More information on the general membership vote is available later in this newsletter, so #2 is almost complete.

VMATYC is a very strong state chapter affiliate of AMATYC. During my second year as president I intend to work with the VMATYC Executive Board to complete goals #3 and #4 to leave a strong organization to continue to grow and thrive under new leadership.

As the VCCS continues the work of the Math Pathways Project I hope to see some of you at meetings and work groups.

Please feel free to contact me at any time with comments, suggestions or concerns.

Sincerely, Susan

<b>VMATYC Executive Board 2015-2017</b>	
<b>Susan Evans, WCC</b> President	<b>Mike Kirby, TCC</b> Past-President
<b>Bruce Wahl, NVCC</b> President-Elect	<b>Elena Grose, TNCC</b> Treasurer
<b>Theresa Nystrom, TNCC</b> Recording Secretary	<b>Mariko Shimizu, TNCC</b> Membership Secretary
<b>Christy Lowery-Carter, SVCC</b> Vice President, Central Region	<b>Wes Crumpler, TCC</b> Vice President, Eastern Region
<b>Victoria Lu, NVCC</b> Vice President, Northern Region	<b>Jason Lachniet, WCC</b> Vice President, Western Region
<b>Harriette Roadman, NRCC</b> Affiliate Delegate to AMATYC	

## 2016 Math Peer Group Conference Report

Bruce Wahl

[bwahl@nvcc.edu](mailto:bwahl@nvcc.edu)



This year was our first (biannual) Math Peer Group Conference in conjunction with the VCCS. It was held on February 19-20 at Central Virginia Community College in Lynchburg where “The Hills Are Alive with the Sound of Mathematics!”

On Friday, we began the Opening Luncheon featuring JR Snow, an educator and motivational speaker. He made us think about challenging ourselves to do things differently. We first experienced that by trying to fold our arms with the opposite arm on top (try it—not easy!) and clapping with the opposite hand in palm. This talk was a great way to get people talking and thinking about the changes coming in the near future as we travel through the Math Pathways Project.

In the afternoon we had three sessions of talks with 13 choices including a 2-hour workshop on MyOpenMath, projects for the precalculus and calculus classroom, and preparing our next generation of teachers. One big theme of the conference was change—and that afternoon, Patricia Parker, our Math Pathways Project Manager, started her five consecutive talks on the different emphases of this project. With over 100 people in attendance, some of the rooms were overflowing!

On Saturday morning, we had three sessions of talks with 12 choices including a second 2-hour workshop on MyOpenMath, flipping the classroom, and the Gini Index. Many of us also enjoyed the displays of our exhibitors—Cengage, Hawkes, Pearson, Lumen Learning, and the Virginia Space Grant Consortium.



We finished the day with a lunch (provided through the generosity of the President of CVCC, Dr. John Capps) during the VMATYC Annual Business Meeting. Of the business discussed, the most important was the set of proposed changes to the VMATYC Constitution. You may read about that elsewhere in this newsletter.

A highlight of the meeting was presenting the VMATYC Scholarship Plaque to one of our awardees from 2015-2016. We had two awardees this year, Rachel Koch from Piedmont Virginia CC, sponsored by Wendi Dass, and Jonathan Savitz from Wytheville CC, sponsored by Susan Evans. Jonathan was in attendance at the conference this year with Susan and was presented the plaque by the Past-President and chair of the scholarship committee, Mike Kirby.



I would like to thank Alison Moore and her team of colleagues from CVCC. The conference ran smoothly and we all had a good time learning, laughing, and connecting. The way we come together to teach and learn is a central core value of VMATYC. Keep up the great work!

## **2017 VMATYC Conference Information**

Bruce Wahl, President-Elect

[bwahl@nvcc.edu](mailto:bwahl@nvcc.edu)

Our Spring 2017 VMATYC Conference will be held at the Loudoun Campus of Northern Virginia Community College. The Loudoun Campus is on the far western edge of the Washington metropolitan area. The campus has seen tremendous growth and has beautiful buildings and grounds. Joe Agnich and his colleagues look forward to hosting the VMATYC community!



We have tentatively scheduled March 31 to April 1, 2017 for the conference. Start planning now for the talk you can give! Since this year's conference at Central Virginia Community College was our biannual peer group meeting, funded by the VCCS, remember that the 2017 conference is the responsibility of VMATYC solely with no assistance from the VCCS. Plan ahead to request travel funds from your college for registration, transportation, hotel and some meals.



## **Treasurer's Report**

**Elena Grose (formerly Byrd)**

[grosee@tncc.edu](mailto:grosee@tncc.edu)

As of February 17, 2016, VMATYC has total assets of **\$36,779.33**

**\$14,058.71** in checking  
**\$9,382.77** in savings  
**\$4,775.74** in the Scholarship Account.  
**\$8,562.11** in CD that matures 4/17/2016

The 2016 Membership Application can be found on the website under the VMATYC information tab. Your membership fee may be paid online through PayPal or by check, payable to VMATYC (Federal ID 54-1394373).

## **Membership Report**

**Mariko Shimizu**

[ShimizuM@tncc.edu](mailto:ShimizuM@tncc.edu)

VMATYC has 132 current members as of 3/31/2016.

Central: 8 members  
Eastern: 53 members  
Northern: 53 members  
Western: 15 members  
Other: 2 members

## Proposed Changes to the VMATYC Constitution and By-Laws

**Susan Evans**

[sevans@wcc.vccs.edu](mailto:sevans@wcc.vccs.edu)

The last official edits to the VMATYC Constitution and By-Laws occurred May 31, 2002. Many changes have occurred to the way VMATYC needs to conduct business since then and our governing documents need to be update to reflect those changes.

In accordance with Article 10: Amendment Procedure of the VMATYC Constitution, proposed amendments to the constitution were presented and initiated by a “majority vote of those attending the annual business meeting.” A document highlighting the proposed changes is available for review on the VMATYC website. You can access that document using the following link:

[Proposed Changes Link](#)

In order to complete the amendment process the general membership will need to vote to approve/disapprove the proposed changes. “A two-thirds vote of approval of the members responding by the deadline stated on the ballot is required for ratification.”

Voting will be conducted electronically. All current VMATYC members will receive an email with a password and instructions for completing the voting process on or about April 8<sup>th</sup>. Voting will run from April 8<sup>th</sup> through May 15<sup>th</sup>. You can access the voting using the following link:

[Vote on Changes Link](#)

## Audit Findings

**Susan Evans**

[sevans@wcc.vccs.edu](mailto:sevans@wcc.vccs.edu)

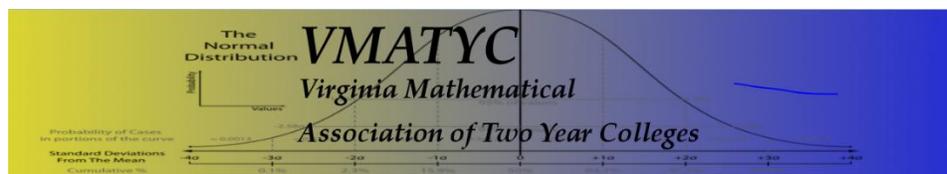
VMATYC underwent a financial audit in January of this year. The audit found all finances in excellent order and especially applauded the work our current treasurer, Elena Grose, has done to streamline VMATYC banking and accounting procedures.

One recommendation that came from the audit was the possibility of working with a CPA firm that does volunteer work for small nonprofit organizations such as VMATYC. The board has taken this suggestion under consideration. Any member that would like to comment on this option, or who knows of a firm that may be able to work with VMATYC on statement reconciliation and preparation, please contact Susan Evans.

## VMATYC Website

Libby Watts, works diligently to maintain and enhance our website at <http://vmatyc.org/>

You can find information on our organization, our conferences, your membership, and more great stuff. Check it out!



## **Glenn Fox VMATYC Mathematics and Computer Science Scholarship Information**

**Mike Kirby**

[mkirby@tcc.edu](mailto:mkirby@tcc.edu)

The VMATYC Glenn Fox memorial Mathematics and Computer Science Scholarship Committee is seeking qualified applicants for the 2016-2017 academic year. The scholarship award is for \$500 per semester.

In order to be eligible for the scholarship, applicants must:

- 1) Intend to major in mathematics, computer science, or mathematics education and demonstrate potential for success in any of these areas.
- 2) Demonstrate ability, determination, and motivation necessary for successful academic performance.
- 3) Have completed at least 12 semester hours of college-level courses, including 3 hours of transfer mathematics at a Virginia community college, by the end of the spring semester with a GPA of 3.2 or higher.
- 4) Continue for two semesters (fall-spring of the award year) at a Virginia community college and enroll in at least 6 semester hours of college-level courses, including a transfer-level mathematics course, for each semester the scholarship is received. Preference is given to those candidates who intend to teach mathematics or computer science.

Specific details concerning the application requirements and process, to include the application form, can be found on the VMATYC website at [www.vmatyc.org](http://www.vmatyc.org). Applicants must complete the application, provide official transcripts of college work, and send three letters of reference. ALL Information is to be submitted electronically. **COMPLETE APPLICATION PACKETS are due no later than June 3, 2016.**

If you have questions, please contact Mike Kirby.

## **AMATYC Information**

**Harriette Roadman**

[hroadman@nr.edu](mailto:hroadman@nr.edu)

AMATYC's Bylaws divide the United States, Canada, and other countries into eight regions. Each region is represented by a regional vice president. Within each region are affiliates that represent 47 states and 1 province. Currently there are 44 AMATYC affiliates. VMATYC is the affiliate for the State of Virginia, and is in the Mid-Atlantic Region. Our regional Vice-President is Dan Fahringer; he can be contacted at [dpfahrin@hacc.edu](mailto:dpfahrin@hacc.edu).

If you are not a member of AMATYC, you may want to consider joining. AMATYC provides a variety of support and opportunities for Math faculty, including the following:

- Position papers on instruction related topics – the current one is on Professional Development
- Annual Conferences
- Webinars
- Traveling Workshops
- Publications
- Project ACCCESS, a development opportunity for faculty in the first 3 years of teaching
- Resources on other Mathematical Organizations

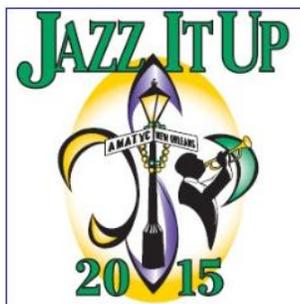
Information on all these topics, and others, can be found at the AMATYC website: <http://www.amatyc.org/>



## 2015 AMATYC Conference Report

Harriette Roadman

[hroadman@nr.edu](mailto:hroadman@nr.edu)



The 41<sup>st</sup> Annual AMATYC Conference was held on Nov. 19-22, 2015 in New Orleans, Louisiana, at the Sheraton New Orleans Hotel on Canal Street, in the heart of the Big Easy. The theme was “Jazz It Up”, and the conference certainly had a lot of enthusiasm! Sessions were offered on a variety of topics, as well as 4 different formats: Regular Sessions, Themed Sessions, Workshops, and Symposiums. There were so many choices on sessions, it was often difficult to choose which session to attend. Information on the sessions offered as well as copies of handouts, power-points or videos can be found at <http://www.amatyc.org/?page=2015ConfProceedings>.

And, of course, being in New Orleans, there were many things to see, lots of great music to listen to, and lots of good food to enjoy in the evenings.

Excellent keynote presentations were given by Shirley Malcom, American Association for the Advancement of Science, on *Making Up for Lost Time — Mathematics and Two-Year Colleges*, and by Tim Chartier, Davidson College on *When Life Is Linear: From Computer Graphics to Data Mining*.

VMATYC was represented at the Delegate Assembly by  
Harriette Roadman – AMATYC Affiliate Delegate  
Mariko Shimizu – VA State Delegate  
Johanna Debrecht – VA State Delegate

## 2016 AMATYC Conference Information

Harriette Roadman

[hroadman@nr.edu](mailto:hroadman@nr.edu)

The 42<sup>nd</sup> Annual AMATYC Conference is scheduled for *Nov. 17-20, 2016 in Denver, Colorado*, to be held at the Sheraton Denver Downtown Hotel. The theme is “Math at a Mile High”, with a great line-up of speakers:

### **Keynote and Breakfast Speakers**

Maria Andersen - Western Governors University

*Learning Math Is Not a Spectator Sport*

Rick Cleary - Babson College

*What Every Math Teacher Needs to Know About Statistics*

### **Featured Speakers**

William Briggs - University of Colorado at Denver (retired)

*Quantitative Literacy More Than Ever Before*

Carol Jonas-Morrison - Pikes Peak CC

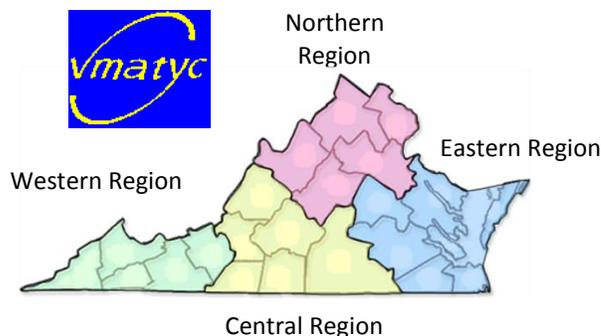
*Teach Your Students Willpower*



Conference hotel reservations are already open, and conference registration should be available sometime soon. More information, including a conference flyer with more details is available at the website <https://amatyc.site-ym.com/?2016ConfHome>. The complete conference program will be posted there soon. Judy Williams is the Program Coordinator, so she would be an excellent source of additional information ([jwilliams@tcc.edu](mailto:jwilliams@tcc.edu)).

## **Fall Regional Meeting Reports**

Please contact the regional Vice Presidents if you have any questions or need further information.



### **Central Region Fall Meeting – November 13, 2015**

Vice President Christy Lowery-Carter

[christy.carter@southside.edu](mailto:christy.carter@southside.edu)

The Central region of VMATYC held their annual fall conference on the John H. Daniel Campus of Southside Virginia Community College November 13, 2015. There were nine members present from SVCC, DCC, and CVCC. Alison Moore discussed the upcoming spring meeting at CVCC, Christy Lowery-Carter discussed using foldables with overlapping material in MTE 5 and Math 163, and Mary Motley shared with the group information on the Math Pathway Initiative.

### **Eastern Region Fall Meeting – October 30, 2015**

Vice President Wes Crumpler

[rcrumpler@tcc.edu](mailto:rcrumpler@tcc.edu)

The 2015 Fall Eastern Region meeting was held at Thomas Nelson Community College – Hampton Campus on Friday, October 30. The conference was from 1 – 5pm beginning with lunch from Jason's Deli and a welcome from Dr. Charles Swaim - Dean of Business, Public Services, Information Systems and Mathematics. There were about fifty attendees as well as two vendors. In all, there were eight presentations including updates and future plans on the Math Pathways Project along with pedagogies, technology, and other topics. The conference was well received and I look forward to our meeting this fall.

### **Northern Region Fall Meeting – November 7, 2015**

Vice President Victoria Lu

[vl@nvcc.edu](mailto:vl@nvcc.edu)

On Saturday, November 7<sup>th</sup>, Northern Virginia Community College hosted the Northern Region VMATYC fall conference. More than 50 attendees from NOVA, Blue Ridge Community College, Germanna Community College, and Lord Fairfax Community College gathered at the Woodbridge Campus to discuss pedagogy, technology, curriculum, and more math! Faculty and staff presented over a dozen talks and workshops during three sessions, including Math Modeling and 3D Printing, VCCS Math Pathways, and Using R Software in Statistics. We look forward to another exciting regional conference this coming fall, so please let Victoria Lu know if your campus is interested to host!

### **Western Region Fall Meeting – October 23, 2015**

Vice President Jason Lachniet

[jlachniet@wcc.vccs.edu](mailto:jlachniet@wcc.vccs.edu)

The Western Region met on Friday, October 23 in the Goodloe Center at Mountain Empire Community College. Fifteen VMATYC members and guests were in attendance. The meeting opened with a welcome from the MECC dean and a catered lunch. After a few general updates, attendees learned about some free online computer algebra systems, then spent considerable time discussing the Math Pathways initiatives.

## VMATYC Campus Contacts

In order to help facilitate communication, the following people have agreed to be the local contact for VMATYC at their school/campus. Please send any corrections or changes to Harriette Roadman, [hroadman@nr.edu](mailto:hroadman@nr.edu).

### Central region:

Central VA – Alison Moore [moorea@cvcc.vccs.edu](mailto:moorea@cvcc.vccs.edu)  
 Dabney S. Lancaster – Richard Watkins [rwatkins@dslcc.edu](mailto:rwatkins@dslcc.edu)  
 Danville – Mary Motley [mmotley@dcc.vccs.edu](mailto:mmotley@dcc.vccs.edu)  
 Patrick Henry – Chris Wikstrom [cwikstrom@patrickhenry.edu](mailto:cwikstrom@patrickhenry.edu)  
 Southside VA – Christy Lowery-Carter [christy.carter@southside.edu](mailto:christy.carter@southside.edu)  
 Virginia Western – Cristin Barrett [cbarrett@viriniawestern.edu](mailto:cbarrett@viriniawestern.edu)

### Eastern Region:

John Tyler – Ken Williams [kwilliams@jtcc.edu](mailto:kwilliams@jtcc.edu)  
 Rappahannock – Robert Parker [rparker@rappahannock.edu](mailto:rparker@rappahannock.edu)  
 Reynolds – Ann Loving [aloving@reynolds.edu](mailto:aloving@reynolds.edu)  
 Thomas Nelson – Mariko Shimizu [shimizum@tncc.edu](mailto:shimizum@tncc.edu)  
 Tidewater Chesapeake – David French [dfrench@tcc.edu](mailto:dfrench@tcc.edu)  
 Tidewater Portsmouth – Judy Williams [jwilliams@tcc.edu](mailto:jwilliams@tcc.edu)  
 Tidewater Virginia Beach – Mike Kirby [mkirby@tcc.edu](mailto:mkirby@tcc.edu)

### Northern Region:

Blue Ridge – TJ Crow [crowt@brcc.edu](mailto:crowt@brcc.edu)  
 Germanna – Carrie Lowry [clowry@germanna.edu](mailto:clowry@germanna.edu)  
 Lord Fairfax – Frank Borleske [fborleske@lfcc.edu](mailto:fborleske@lfcc.edu)  
 NOVA Alexandria – Bruce Wahl [bwahl@nvcc.edu](mailto:bwahl@nvcc.edu)  
 NOVA Annandale – Don Goral [dgoral@nvcc.edu](mailto:dgoral@nvcc.edu)  
 NOVA Loudoun – Michael Wallace [mwallace@nvcc.edu](mailto:mwallace@nvcc.edu)  
 NOVA Manassas – Shakil Shrestha [sshrestha@nvcc.edu](mailto:sshrestha@nvcc.edu)  
 NOVA Woodbridge – Camisha Parker [cparker@nvcc.edu](mailto:cparker@nvcc.edu)  
 Piedmont – Jon Hexter [jhexter@pvcc.edu](mailto:jhexter@pvcc.edu)

### Western Region:

Mountain Empire – Chris Allgyer [callgyer@me.vccs.edu](mailto:callgyer@me.vccs.edu)  
 New River – Harriette Roadman [hroadman@nr.edu](mailto:hroadman@nr.edu)  
 Southwest Virginia – Lisa Henley [Lisa.Henley@sw.edu](mailto:Lisa.Henley@sw.edu)  
 Virginia Highlands – Pansy Waycaster [ewaycaster@vhcc.edu](mailto:ewaycaster@vhcc.edu)  
 Wytheville – Susan Evans [sevans@wcc.vccs.edu](mailto:sevans@wcc.vccs.edu)

## Colleges in the VMATYC Geographic Regions

<u>Western</u>	<u>Northern</u>	<u>Central</u>	<u>Eastern</u>
Mountain Empire	Blue Ridge	Central Virginia	Eastern Shore
New River	Germanna	Dabney S Lancaster	J Sargent Reynolds
Southwest Virginia	Lord Fairfax	Danville	John Tyler
Virginia Highlands	Northern Virginia	Patrick Henry	Paul D Camp
Wytheville	Piedmont Virginia	Southside Virginia	Tidewater
		Virginia Western	Thomas Nelson
			Rappahannock