



VISIONS

Fall 2020

Virginia Mathematical Association of Two Year Colleges

The newsletter of the Virginia Mathematical Association of Two-Year Colleges

Included in this Issue:

Notes from the President

2020 VCCS STEM Conference

2021 VMATYC Regional Meetings Update

AMATYC Conference Information

Treasurer's Report

Membership Report

Glenn Fox Scholarship Update

VMATYC Business Meeting Announcement

A Note from the Editor

VMATYC Executive Board 2019-2021	
Wes Crumpler, TCC President	Bruce Wahl, NVCC Past-President
Theresa Thomas, BRCC President-Elect	Sherry Vaughan, TNCC Treasurer
Xavier Retnam, CVCC Recording Secretary	Michael Filsinger, TNCC Membership Secretary
Christy Lowery-Carter, SVCC Vice President, Central Region	Brian Burns, TNCC Vice President, Eastern Region
Matthew Westerhoff, NVCC Vice President, Northern Region	Jason Lachniet, WCC Vice President, Western Region
Libby Watts, CCD Webmaster	Cheryl Brindle, LFCC Affiliate Delegate to AMATYC
Matthew Watts, RRCC Newsletter Editor	

Notes from the President

Wes Crumpler
rcrumpler@tcc.edu



Dear VMATYC members and newsletter readers!

I hope everyone's semester is off to a great start. This has been quite a year to say the least. The COVID-19 pandemic has created many changes and challenges in how we teach and test our students. The transition to remote learning has been an experience for both students and faculty. As we transitioned over the last several months, many were also preparing for the MDE - Mathematics for Direct Enrollment pilot courses that began this fall. This includes our developmental courses, MDE 10 – Introduction to Algebra and MDE 60 – Intermediate Algebra along with our co-requisite courses, MDE 54 – Learning Support for Quantitative Reasoning, MDE 55 – Learning Support for Statistical Reasoning, and MDE 61 – Learning Support for Precalculus. I am teaching MDE 61, the co-requisite course to MTH 161, this fall with 15 students and it is off to a good start. I have received positive feedback from a handful of students regarding the course. I know there will be many challenges ahead, but I hope that students can adapt and be successful.

Please take time to read your VMATYC newsletter. There is information regarding the fall 2020 VCCS STEM Peer Group Conference and AMATYC Conference as well as the fall 2021 VMATYC Conference. There is also information regarding our upcoming VMATYC spring regional conferences. The regional conferences are free, and you don't need to be a member to attend. That said, please keep your VMATYC membership current. You can renew your membership on the VMATYC website, www.vmatyc.org. As a member, you can attend a state-wide and regional conference each year and connect with other members across the state. Please get involved in this great organization.

VMATYC will hold our annual Business Meeting in October to propose a change to the Constitution on membership. You must be a member to vote on the proposal. Details are in the newsletter. Please attend to vote on this change.

Information regarding the Glenn Fox Scholarship is also available. We didn't have a scholarship winner over the summer so we will be calling for new applications. If you have students eligible for the scholarship, please make them aware of this opportunity. This is a great way to connect students with VMATYC. Please feel free to contact me at any time with comments, concerns, or suggestions.

Sincerely,

Wes Crumpler

2020 VCCS STEM Peer Group Conference

Wes Crumpler, President
rcrumpler@tcc.edu

Due to the COVID-19 pandemic, the VCCS STEM Peer Group Conference for fall 2020 has been canceled. There has been no word from the VCCS regarding a virtual conference instead. VMATYC will keep you informed of any changes.

BE6897	Closed
EZY6955	Closed
BE6813	Cancelled
BA2939	Cancelled
LH6517	Cancelled
BE768	Closed

[Hotelstvedi](#) / CC BY-SA



Image by [Lynette Coulston](#) from [Pixabay](#)

Spring Regional Meetings

Western Region Spring Meeting

Vice President Jason Lachniet

jlachniet@wcc.vccs.edu

The western region spring meeting will take place in a virtual format. The exact format and date is yet to be determined, but it will most likely take place in late March via Zoom. The date will be selected in consultation with faculty from each college in the region.

Northern Region Spring Meeting – April 4, 2020

Vice President Matthew Westerhoff

mwesterhoff@nvcc.edu

For information on the Northern Region spring meeting, please contact Matthew Westerhoff at mwesterhoff@nvcc.edu.

Central Region Spring Meeting -- March 27, 2020

Vice President Christy Lowery-Carter

christy.carter@southside.edu

The central region of VMATYC will host their regional meeting live via Zoom during the Spring 2021 semester. This meeting will also be recorded for people who could not attend. The specific date will be determined at a later time, but please save the date for a late March or early April meeting.

Eastern Region Spring Meeting – March 28, 2020

Vice President Brian Burns

burnsb@tncc.edu

For information on the Eastern Region spring meeting, please contact Dr. Brian Burns at burnsb@tncc.edu.

AMATYC Conference Information

Cheryl Brindle

cbrindle@lfcc.edu

AMATYC's 2020 virtual conference is scheduled for November 6, November 13, and November 20 from 11 am to 5 pm Eastern. Thanks to AMATYC's Corporate Partners Hawkes, McGraw-Hill, and Wiley, the conference is FREE!

Final details are being settled with our sponsors for each day. The virtual program should be available in the beginning of October, along with instructions for how to register for the conference. You will need to register in advance.

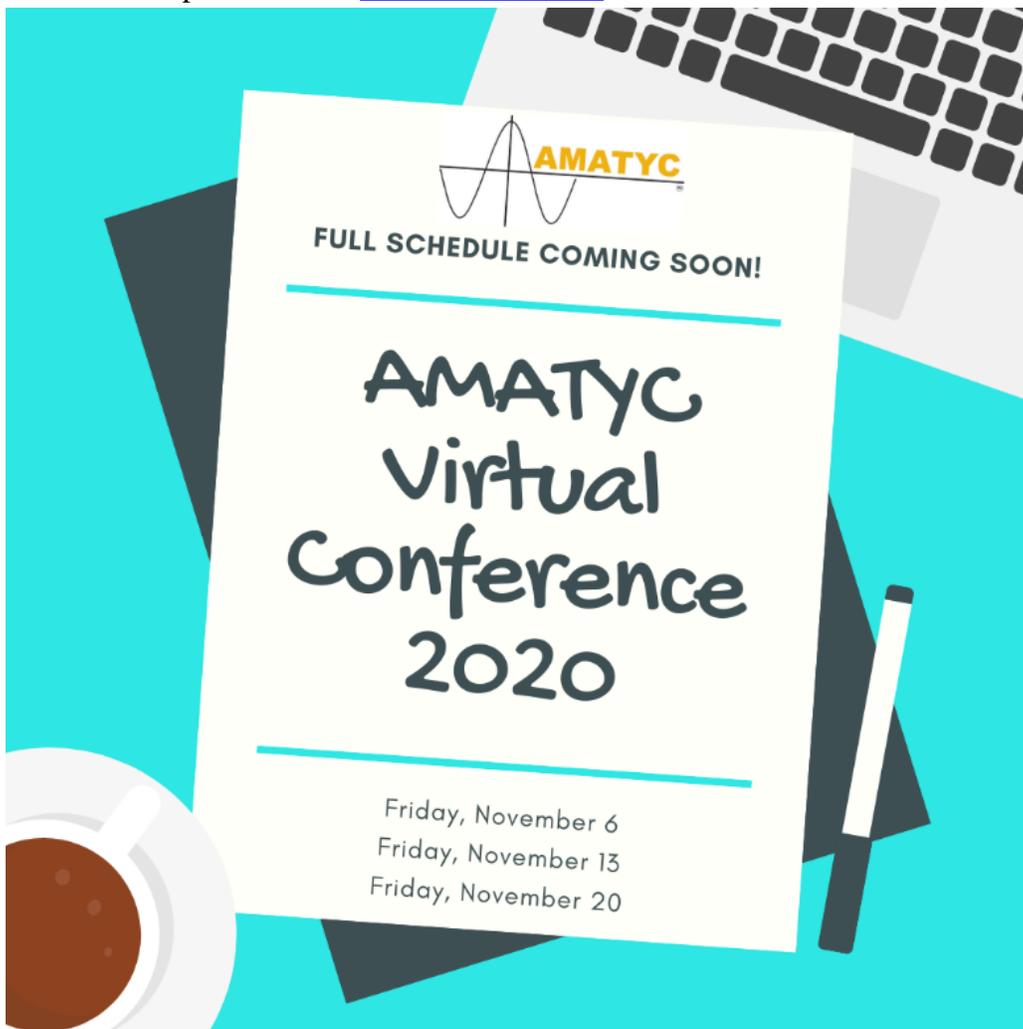
Here are other events associated with the conference:

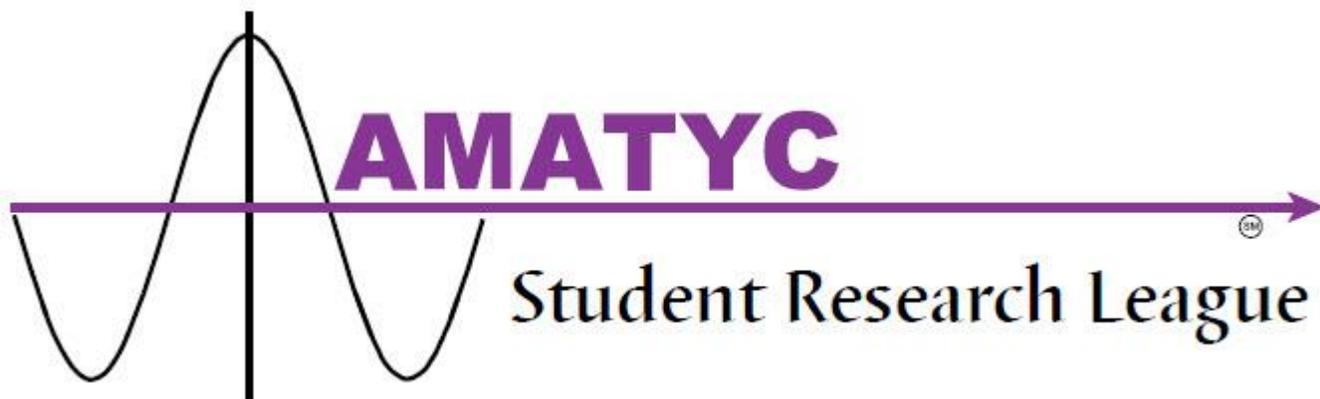
- Committees and ANets will hold committee meetings between November 6 and November 20.
- IGNITE 2020! is scheduled for November 14 from 9 pm until 11 pm Eastern.
- The Delegate Assembly will be November 21 starting at 2:00 pm Eastern.
- Forums for the position statements will be held throughout October.

A calendar of all these activities is coming soon.

AMATYC encourages you to renew your membership and ask a friend to join, too. Your membership helps AMATYC continue to provide webinars, traveling workshops, the new virtual community myAMATYC, the AMATYC Annual Conferences, and other professional development opportunities.

More information will be posted on the [AMATYC website](#).





2020 AMATYC Student Research League Information

Matthew Westerhoff
mwesterhoff@nvcc.edu

The American Mathematical Association of Two-Year Colleges (AMATYC) recently selected Omar Alsalihi from the Northern Virginia Community College (NVCC) math department as a top finalist in the Mid-Atlantic Region for the AMATYC Student Research League Competition. Omar's research paper scored so highly, that it has been identified as one of the top papers in the nation. Omar will be honored at this year's 46th AMATYC Annual virtual conference. Omar and mentor Professor Matthew Westerhoff represented Northern Virginia Community College (Manassas Campus) in the competition, which addressed the best options for providing energy for residential use.

The challenge problem solution addressed the following questions:

1. Utilizing mathematical modeling, what are the results of a Cost-Benefit Analysis of various proposals for reducing the current student loan debt? If you were running for office, what solution would you put forward?
2. Understanding the current situation should provide you with ideas for minimizing the debt in the future. What are some changes you would suggest for reducing loan debt for future students? If the changes you suggest are not your original ideas, you must acknowledge the person whose idea it is.

Omar graduated in the spring of 2020 with a Summa Cum Laude in AS-Science/Mathematics. He is currently attending the University of Virginia pursuing a degree in mathematics. For more information on the AMATYC challenge problem visit:

https://cdn.ymaws.com/amatyc.org/resource/resmgr/student_research_league/srl_2020_challenge_problem.pdf

Treasurer's Report

Sherry Vaughan
vaughans@tncc.edu

As of September 10, 2020, VMATYC has total assets of \$44,918.47

\$23,440.15 in checking
\$9,389.90 in savings
\$12,088.42 in the Scholarship Fund.

Membership Report

Michael Filsinger

filsingerm@tncc.edu

As of September 10, 2020, VMATYC has 51 members. These are distributed as follows:

Central: 4
Eastern: 17

Northern: 23
Western: 6

This represents an increase of one from our last executive meeting.

Glenn Fox VMATYC Mathematics and Computer Science Scholarship Report

Bruce Wahl

bwahl@nvcc.edu

As a result of not determining a scholarship recipient for the Fall 2020 semester, the VMATYC Glenn Fox memorial Mathematics and Computer Science Scholarship Committee is seeking qualified applicants for the Spring 2021 semester. The scholarship award is for \$500 for the Spring 2021 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.



Scholarship by [Nick Youngson](#) CC BY-SA 3.0 Alpha Stock Images

- 4) Intend to continue for the Spring 2021 semester at a Virginia community college and enroll in at least 6 semester hours of college-level courses, including a transfer-level mathematics course. 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.

Applicants must complete the application, provide transcripts of college work, and submit two letters of reference. ALL Information is to be submitted electronically. COMPLETE APPLICATION PACKETS are due no later than November 30, 2020. An applicant will be selected and announced by December 15, 2020. If you have questions, please contact Bruce Wahl at bwahl@nvcc.edu.

VMATYC Business Meeting

Wes Crumpler
rcrumpler@tcc.edu

The VMATYC Executive Board invites you to attend our annual Business Meeting on **Friday, October 23 at 2PM using Zoom**. Though our STEM Peer Group was canceled, we are meeting to propose a change to the Constitution involving membership. For some time, membership has run the calendar year from January 1 through December 31, but prior to that it ran from August to August. Now, due to the state-wide meeting being in the fall and as faculty our year begins in August, the Executive Board proposes that membership begins on August 1 through July 31.

Remember that you must be a VMATYC member to vote. So, please update your membership, if needed, to participate in the vote. You can update your membership on the VMATYC website, www.vmatyc.org.

We hope you can attend and look forward to seeing you.

Respectfully,

Wes Crumpler
VMATYC President

ARTICLE 1. MEMBERSHIP

The membership year shall be January 1 through December 31. A person becomes a member for the remainder of the membership year upon completing the membership application and paying the required dues. Only members of the Association may vote or hold office.

A student membership is available at a reduced fee to a student who is endorsed by a member and who completes the membership application and pays the required dues. Student members are not eligible to vote or to hold office. No VCCS faculty member is eligible for the student membership.

CHANGES ARE UNDERLINED AND IN **RED**

ARTICLE 1. MEMBERSHIP

The membership year shall be **August 1** through **July 31**. A person becomes a member for the remainder of the membership year upon completing the membership application and paying the required dues. Only members of the Association may vote or hold office.

A student membership is available at a reduced fee to a student who is endorsed by a member and who completes the membership application and pays the required dues. Student members are not eligible to vote or to hold office. No VCCS faculty member is eligible for the student membership.

A Note from the Editor

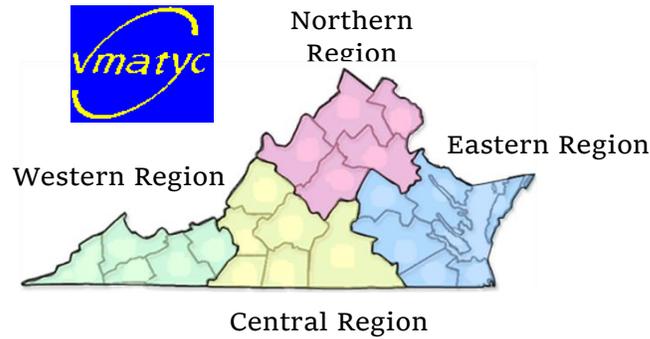
Matthew Watts

Matthew.Watts@rrcc.edu

It was not long ago that I was asked to become newsletter editor. Having been recorder for the board meetings I knew I was working with a great team and the previous newsletter editor Harriette Roadman had given me her seal of approval. Now that I am living in Colorado and working outside the VCCS it is time to transition from VMATYC to ColoMATYC. That means VMATYC needs a new volunteer and if you are one of the people that reads this far into the newsletter then you have what it takes. While it does not take long to edit the newsletter, many VMATYC members rely on it for receiving information from the board between conferences and meetings. To apply for this position please contact Wes Crumpler (rcrumpler@tcc.edu). As Harriet said a few years ago “It is now time for me to move on to other adventures and activities. It’s been a good ride. I encourage each of you to become involved and continue to make this a strong organization.”



Photo by [Amtec Photos](#) CC-BY-SA



VMATYC Campus Contacts

To help facilitate communication, the following people have agreed to be the local contact for VMATYC at their school/campus. Please contact Matthew Watts at Matthew.Watts@rrcc.edu if there are any corrections to this list.

Western Region:

- Mountain Empire – Frank Wright fwright@me.vccs.edu
- New River – Ellen Oliver eoliver@nr.edu
- Southwest Virginia – Lisa Henley Lisa.Henley@sw.edu
- Virginia Highlands – Pansy Waycaster ewaycaster@vhcc.edu
- Wytheville – Susan Evans sevans@wcc.vccs.edu

Northern Region:

- Blue Ridge – Theresa Thomas thomast@brcc.edu
- Germanna – Carrie Hibbs chibbs@germanna.edu
- Lord Fairfax – Frank Borleske fborleske@lfcc.edu
- NOVA Alexandria – Bruce Wahl bwahl@nvcc.edu
- NOVA Annandale – Terry Krize tkrize@nvcc.edu
- NOVA Loudoun – Michael Wallace mwallace@nvcc.edu
- NOVA Manassas – Matthew Westerhoff mwesterhoff@vcc.edu
- NOVA Woodbridge – Camisha Parker cparker@nvcc.edu
- Piedmont – Diane Valade dvalade@pvcc.edu

Central region:

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

Eastern Region:

- Eastern Shore – Bob Rhea rrhea@es.vccs.edu
- John Tyler – Ken Williams kwilliams@jtcc.edu
- Rappahannock – Robert Parker rparker@rappahannock.edu
- Reynolds – Ann Loving aloving@reynolds.edu
- Thomas Nelson – Brian Burns burnsb@tncc.edu
- Tidewater Chesapeake – David French dfrench@tcc.edu
- Tidewater Norfolk – Dick Gill rgill@tcc.edu
- Tidewater Portsmouth – Adam Becker abecker@tcc.edu
- Tidewater Virginia Beach – Mike Kirby mkirby@tcc.edu