

Points & Angles

Newsletter of the Metropolitan Mathematics Club of Chicago
Volume LI No. 1 Aug./Sept. 2021

Developing Engagement During Remote, Hybrid, and In-Person Learning Models

September Speaker Angela Marshall



Date/Time: Friday,
September 10 at 7:00 p.m.

Location: Zoom online
platform

Registration: Register
online at mmcchicago.org

Cost: No charge;
donations welcome via
Zelle at
zelle4mmc@gmail.com

MMC's very own Angela Marshall will kick off our 2021-22 school year with a talk on developing student engagement in the math classroom. Last year, teachers faced an overwhelming task of reinventing how we teach, assess, and get to know our students. Teachers had to make many changes and adapt on the fly, multiple times, to completely new learning environments. Even though we start this year with a vaccine available and many schools returning to full in-person learning, we still have students who will remain remote, we still have to be prepared for last-minute changes, and though many people are talking about getting back to "normal," this will not be a normal year.

When schools went remote in March 2020, Angela dove deep into adapting her practice and discovering what worked and what didn't. She shared what she learned with her colleagues and larger math community last February during MMC's Conference of Workshops. She will join us again in September to talk about what she has learned from the past year and a half: how important it is to build student relationships early on, that student engagement can take on many different forms, and how important it is for everyone to have patience as we move into another unprecedented school year.

Angela has been teaching mathematics for 23 years at Lemont High School. She is beginning her third year as an instructional coach. Angela has a specialty in cooperative learning and has done extensive research on the topic, attended and led workshops in her district, and presented at ICTM and MMC. We are so fortunate to have her as our first speaker this year. Information on registering for her webinar will be available on MMC's website in late August.

Points from the Interior

by Aimee Hart

Over the past year and a half, I have often thought of the last event I attended before the country shut down. It was an MMC dinner meeting with Eli Luberoff. The dinner conversation at my table that night was all about the coronavirus and the possibility of doing distance learning for a few days or weeks if schools had to close. We had no idea what we were in for.

Though we didn't anticipate what was coming, I am so proud of how MMC adjusted to the world of remote education. From programming an entirely new slate of remote speakers in the fall to offering an online conference of workshops on a snowy Saturday morning in February, we were able to provide quality professional development for teachers, for free, in what was one of the most challenging years for educators.

We have an exciting program this year that includes a return to Fountain Blue in 2022. While I am pleased to announce our speakers for 2021-22, we are still in a pandemic and CDC guidelines are changing regularly, so I thank you in advance for your patience and understanding if we need to make changes this year.

We will begin the year on Zoom with two webinars. On September 10th, our very own Angela Marshall, a veteran teacher from Lemont High School and instructional coach, will talk about building student engagement in the classroom in all settings: in-person, remote, hybrid. We will then welcome Howie Hua from Fresno State on October 29th. He will talk about Belonging in the Math Classroom. As was true last year, if you are unable to attend either webinar live, you can still register and receive a link to the recording the next day.

On January 21st, we plan to welcome you all back to Fountain Blue with a longtime MMC board member and Glenbrook South math teacher Mary Wiltjer speaking on What I Didn't Learn About Teaching Math During the Pandemic. On March 4th, Ben Orlin, author of *Math with Bad Drawings*, will join us to talk about Mathematical Games and Why They Matter. Just a few weeks after baseball's opening day, on April 22nd, we'll have Dr. Scott Powers, Director of Quantitative Analysis for the L.A. Dodgers, talk about The Evolution of Batting Statistics in Baseball. Finally, we will end our year with Dr. Zalman Usiskin and Andrew Chukerman entertaining and enlightening us on NCTM and a Century of Mathematics Education - A Review with Music.

As we begin another school year with a good deal of uncertainty, know that MMC will do its best to continue to support math education. Please keep up to date with events, webinar registration, and your membership by visiting our website: mmcchicago.org.

NCTM News:

The NCTM Annual Meeting for 2021 in Atlanta has been cancelled. Plans for the Fall Virtual Conference in November and in-person regional conferences in New Orleans and Indianapolis remain in place at this time. Check out www.nctm.org for more information.



Congratulations to our 2021 Scholarship Winners!

By Carrie Fraher

Filliman Scholarship Winner

Alyssa Coladipietro from St. Francis High School was nominated by Kristina Abbott. Alyssa shared, “First and foremost, I possess a strong passion for teaching. I have known since I was six years old teaching my stuffed animals about addition and subtraction that I have wanted to be a teacher. I am dedicated to helping others succeed in school without facing immense amounts of stress and pressure.” Kristina Abbott praised Alyssa’s deep understanding of mathematical concepts along with the way she brings incredible enthusiasm to each class. Alyssa shared that she enjoys teaching others and seeing their excitement when they understand: “I love hearing the ‘ohhhh’ that follows them successfully completing the math problem.”



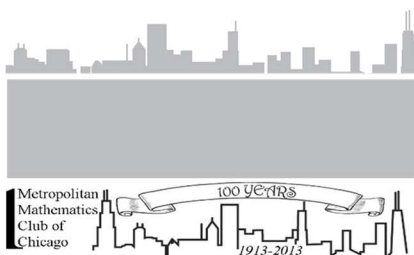
MMC Scholarship Winner

Sarah Meece from Benet Academy was nominated by Rose Sterr. Sarah described a teacher who had an impact on her teaching style: “There is a special place in my heart for those teachers who do not let you give up— those who know you are struggling and do not just let you say that you understand a concept, when you really do not. One of my math teachers never accepted when I did not understand a concept; she worked with me and challenged me until I mastered the idea. I have learned from her to replicate this behavior when I am peer tutoring.” Sarah shared a passion for helping students see the joy in learning mathematics together: “Ultimately I want to teach math because I love it. Having the opportunity to spend my day sharing that love with others is success and a privilege in my eyes.”



Reserve the date! The 2021 ICTM Annual Conference, Pursuing Innovation and Equity, will be on Saturday, October 16, from 8 a.m. to about 1:00 p.m. This conference will be virtual to make it the most accessible for all people as we continue to navigate the pandemic. Check out <https://www.ictm.org/annual-conference>

Register now for the 2021-2022 ICTM Math Contest! In-school contests are held three times a year for grades 3-8, with an algebra contest in May. High school regionals will be held in February, with state finals in the spring. See the contest website (www.ilmathcontest.com) or contact gschair@ilmathcontest.com (grade school) or hschair@ilmathcontest.com (high school) for more information.



Metropolitan Mathematics Club of Chicago

Affiliate of ICTM & NCTM

MMC Virtual Conference SAVE THE DATE

given by teachers for teachers

Saturday, February 12, 2022

8:30 a.m. – 12:10 p.m.

OPTIONAL POST SESSION DISCUSSION

12:10 to 1:10 p.m.

A call for proposals will go out in the fall.

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Carol Nenne (2020-2023)
Lemont H.S. (retired), Lemont

Nicolette Norris (2019-2022)
Chicago Vocational Academy, Chicago

Steven Starr (2019-2022)
Lakeview H.S. (retired), Chicago

Mary Wiltjer (2019-2022)
Glenbrook South H.S., Glenview

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Is your membership current? Check your mailing label to see when your membership expires. You can renew by mail with the form below or renew in person at the next dinner meeting.

NAME		PREFERRED CONTACT Check one: <input type="checkbox"/> Home <input type="checkbox"/> Work	
HOME ADDRESS			
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ELECTRONIC-ONLY MEMBERSHIP Check the box below for electronic-only membership. You will receive an email with a direct link to each issue of <i>Points & Angles</i> when it is posted on the web site, often before paper copies are mailed. You will no longer receive <i>Points & Angles</i> by mail. <input type="checkbox"/> Electronic-Only Membership		MEMBERSHIP TYPE Check one: <input type="checkbox"/> 1 year (\$35) <input type="checkbox"/> student*, 1 yr (\$22) <input type="checkbox"/> 2 years (\$65) <input type="checkbox"/> 1 st yr teacher*, 1 yr (\$22) <input type="checkbox"/> 3 years (\$90) <input type="checkbox"/> retired, 1 yr (\$28)	
FORM USE Check one: <input type="checkbox"/> New Membership <input type="checkbox"/> Renewal <input type="checkbox"/> Former Member <input type="checkbox"/> Change of Address		MEMBERSHIP COST \$ DONATIONS SCHOLARSHIP FUND \$ SPEAKER FUND \$ TOTAL AMOUNT OF CHECK \$	

* The student and 1st-year teacher memberships are only available as electronic-only.

Make check payable to **MMC**

MMC Membership and Change of Address Form
Mail completed form and check to:
MMC
1644 Portage Run
Glenview, IL 60025

Upcoming Events

Sat., Oct. 16		ICTM Annual Conference--Pursuing Innovation and Equity
Fri., Oct. 29	Howie Hua	Belonging in the Math Classroom (via Zoom)
Fri., Jan. 21	Mary Wiltjer	What I Didn't Learn About Teaching Math During the Pandemic (Fountain Blue)
Sat., Feb. 12		MMC Conference of Workshops (via Zoom)
Fri., Mar. 4	Ben Orlin	Mathematical Games and Why They Matter (Fountain Blue)
Fri., Apr. 22	Scott Powers	The Evolution of Batting Statistics in Baseball (Fountain Blue)
Fri., May 20	Zalman Usiskin & Andrew Chukerman	NCTM and a Century of Mathematics Education – A Review with Music (Fountain Blue)

Send upcoming event items to sburnett_308@yahoo.com no later than the date of the MMC dinner meeting preceding the issue in which the item should appear. All items are subject to editing.

Your membership renewal date appears in the upper right corner of the label

