



# MST Newsletter

From MST Catalysts

January/February 2017

Edition 2, Volume 4

## Science Fair Informational Meeting

We would like to invite MST students to attend an informational meeting about the Regional Science Fair which is coming up in exactly 1 month! There are several changes to the fair this year - starting with the venue. The fair will be held at the JCTC Health Services building instead of at UofL. The logistics and layout for the science fair are all new and different this year. Please come to an informational meeting to learn about these changes.

**Meeting will be on Tuesday  
February 21st  
2:30 – 3:30 PM  
in the Auditorium**

Parents are welcome to attend.

## Pi Day Celebration

In honor of Pi Day on Tuesday, March 14th, the MST Catalysts will serve Pie and Coffee to all of Manual's staff and administrators in the Library. Please help us by donating Dessert Pie's for this much-appreciated event.

**π Day!**

**Sign up for  
your pie  
donation today at:  
[tinyurl.com/mstpiedonation](http://tinyurl.com/mstpiedonation)**



Please contact Ann Schwartz at [annmerm@gmail.com](mailto:annmerm@gmail.com) if you have any questions.

## CNET Editors: Technology Trends



**CNET Editors  
share technology  
trends and tips  
for success**

**When:** Wednesday, February 22  
from 2:30 – 3:30 p.m.

**Where:** duPont Manual High School Auditorium

**Price:** Event is free (\$5 donation is suggested)

**Special Thanks to Current Sponsors:**

**Bronze Level:** Media Events and Q The Agency

**Manual Groups:** Catalysts

### Speaker: Jason Hiner

*Editor-in-Chief of TechRepublic, Long Form Editor of ZDNet*

Jason writes about the people, products, and ideas changing how we live and work in the 21st century. He is also co-author of the book *Follow the Geeks* ([bit.ly/ftgeeks](http://bit.ly/ftgeeks)).

### Speaker: Ashlee Clark Thompson

*Senior Associate Editor for CNET*

Ashlee reviews smart cooking gadgets. She's also a freelance writer, author of "Louisville Diners", and a blogger ([ashleeEats.com](http://ashleeEats.com)). Before CNET, Ashlee spent time as a newspaper reporter and as an Americorps VISTA worker.

Consider this as a thought-provoking speaker series organized by Publishers Inc., supporting duPont Manual High School's Journalism & Communication Magnet. For sponsorship opportunities, contact parent volunteer Aly Goldberg at [aly.goldberg@yahoo.com](mailto:aly.goldberg@yahoo.com).

## Club Spotlight: duPont Manual Math Club

### Teacher Sponsor: Ms. Tatro

#### 1. What is the mission of the Math Club at Manual?

To provide a competitive math experience for excellent math students.

#### 2. What are the requirements to become an Math Club member?

Team tryouts are in September, 3 students from each grade may participate. I also select 1-2 alternates per grade level.

#### 3. How many students can be in the Math club?

12-20 students

#### 4. What activities are planned for the Math Club?

We participate in the Greater Louisville Math League (GLML) competition and have recently added Moody's Math Challenge. GLML has 4 competitions in a year on Tuesdays from 3:30 to 5:00, and Moody's Math Challenge is over a weekend in February.

#### 5. What are some goals for the year?

Last year we added Moody's Math Challenge. Our goal is to add some practice sessions before the competition.

#### 6. Why do you think students should consider applying to the Math Club?

If they are interested in challenging math competitions.

### TO PURCHASE

Email Jennifer Hummel  
jchummel71@gmail.com

MST T-Shirts ..... \$15

MST Hoodies ..... \$25



## Important Upcoming Dates

New Albany Science Olympiad Invitational .....	February 25, 2017
Junior Science and Humanities Symposia .....	March 3 & 4, 2017
Regional Science Fair .....	March 11, 2017
Regional Science Olympiad .....	March 18, 2017
State Science Fair (Please make a note before making spring break plans).....	April 1, 2017
Kentucky Junior Academy of Science Meeting.....	April 15, 2017
State Science Olympiad .....	April 22, 2017

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## Teacher Spotlight: Mrs. Laura Moore

### What is your Role at dMHS?

AP Computer Science Principles for MST Freshmen, Geographic Information Science for all students at Manual and Digital Literacy for ECE students. I am co-advisor for the TSA (Technology Student Association) student organization.

### What drew you to teaching?

I had an opportunity in the fall of 2007 to fill a Career and Technology teaching position at Jeffersontown High School as Geographic Information Science teacher (my passion) so I took a leap of faith and left my field of fourteen years to pursue a need to bring my passion to the next generation.

### What changes have you seen in teaching, students, or schools over your career?

I've taught in schools across the spectrum, from low performing to high performing schools. The differences I've seen are cultural for the most part. Attitudes of students, parents and administration are different based on the culture. The greatest and most disheartening change I've seen is in how education and educators are valued. It saddens me to watch the changing politics of education. On a positive note, teachers are still coming to work, giving their best, caring about their students' lives, in and out of the classroom, and all the while enduring the negative, degrading climate toward teachers and the teaching profession.

### Any observations about MST students?

Oh yes, yes I do. My entire teaching career has been filled with freshmen. I wasn't sure that I would always want to teach freshmen, but after ten years I wouldn't have it any other way. I get to see them wide-eyed and a little scared to be high school students grow into confident seniors ready to take on the world. MST Freshmen are different though in several ways. These differences include their heightened motivation for success at an early age. Their shared thirst for knowledge and their competitiveness. They do tend to over tax themselves because of this competitiveness, something we adults have to keep an eye out for as it causes undo-stressors.

### What are your personal interests?

When I'm not grading papers, developing teaching tools and planning for the next lesson, I love to watch my sophomore play soccer. I also enjoy working with my senior getting ready for college. I love to create things; maps, apps, crafts, recipes and I dabble in photography and horticulture.



### How do you spend that fabulous summer break?

Summer break is filled with my daughter's. We bond, we travel, and we visit family and prepare for their future. Of course they are growing up and pulling away from me, but that is to be expected. I am trying to find my way back to me, so that I won't be so lost without them in a few years.

### Do you have any personal goals outside of teaching?

I would like to use my skills one day to be a part of a disaster relief team. I've always been drawn to this type of service work. I just didn't feel as though I could commit myself to it with young children at home. Maybe one day I will.

### We'd love to know about your home life?

My Husband, J. Patrick Moore Jr. PhD. is an Associate Professor and Chair of Graduate Student Admissions Committee, Department of Anatomical Sciences and Neurobiology, School of Medicine at the University of Louisville and is currently teaching, Microanatomy, Gross Anatomy, and Fundamentals of Neuroscience. He's busy too. We will be married twenty-four years in June. We have plans to travel one day if retirement will allow. We like to garden and cook together as well as watch soccer. The thing we do best together besides raising our daughters are projects, he and I are always working on a project around the house together.