



# Illinois Council of Teachers of Mathematics

# BULLETIN

Serving Teachers of Mathematics and Computer Science

Vol. XXXV, Issue 3

September 2014

## In This Issue:

### Articles of Interest

President's Message	p. 1
Board Chair Report	p. 2
Past President's Message	p. 2
ICTM Board Election Results	p. 3
ICTM Awardees and Scholarship Recipients	p. 4

### Classroom Activities

How Well Do You Know Your Classmates? (Grade 6-7)	p. 5-6
Divisibility Tests (Grades 4-5)	p. 7

### Information to Share

ListServe Update	p. 3
NCTM Reminder	p. 3
Math Musings...	p.3
2014 Conference Corner	p. 8-9
Mathematics Department Heads of the Western Chicago Suburbs	p. 10
ISBE Model Math Curriculum Project	p. 12
ICTM Membership Application	p. 15

### Calls for Information

Scholarship Nominations	p. 13
Award Nominations	p. 13
Illinois Math Teacher Journal	p. 13, 14

**Mission:** Illinois Council of Teachers of Mathematics is a community of PreK through Post-graduate (PreK-20) educators promoting equitable, high quality mathematics teaching and learning through leadership, collaboration, advocacy and professional development.

**Vision:** The Illinois Council of Teachers of Mathematics is the state leader in mathematics education. ICTM is committed to sound pedagogy, teacher collaboration, and professional development, ensuring student achievement through engagement in meaningful and rigorous instruction. As a respected leader in mathematics education at the school, district, state, and national levels, ICTM serves as a collaborative partner to promote the achievement of every student.



## President's Message September 2014

by Robert Mann, ICTM President

Some people call me eccentric. Many others, including my daughter, just call me a goofball. So, as I thought about what to focus on for this issue of the bulletin, it is not surprising then that the phrase "The Conference is Coming" kept echoing in my head. In fact that phrase kept thundering in my brain like a horse galloping swiftly with the news ... The Conference is Coming, The Conference is Coming..... Like *The Midnight Ride of Paul Revere*, I felt I had something

urgent to announce, something so pressing, so important, so valuable, that I needed to ride through the streets telling everyone of this historic event. But alas, I have no horse; only a laptop and a goofy spirit. So, with apologies to Mr. Longfellow, here is my conference herald:

### The Upcoming Conference of ICTM

Listen my educators and you will hear  
Of a conference that is drawing near  
On the 17<sup>th</sup> of October in 2014  
An extraordinary event as has never been seen.  
The **ICTM conference**; the best of the year!

The conference is coming!  
The conference is coming!  
Spread the news through the streets  
**October 17 and 18 in 2014**

Let the news travel fast;  
Be it by steed or by tweets!

**Dan Meyer** will be there  
With wisdom to share  
Of students and teaching  
And Math everywhere  
Of motivation and learning  
And topics concerning  
The **children** for whom we all care

So tell your administrators  
Alert your friends  
**ICTM.org** is the place to send  
Register now, attend in the fall  
Professional development  
And good times for all

The conference is coming!  
The conference is coming!  
Destination Tinley Park  
**Common Core Standards**  
New tests and new goals  
And of course that assessment called **PARCC**

Perspectives and Views  
And Tools you can use  
**Tinley Park** is the place to be  
Assemble your team  
Descend on the scene  
And see how much fun **math** can be!

The conference is coming!  
The conference is coming!  
Feel the excitement in the air  
**Unprecedented Changes**  
**Remarkable Opportunities**  
You definitely want to be there

The conference is coming!  
The conference is coming!  
Spread the news through the streets  
**Register Now**  
Tell others how....  
Be it by steed or by tweets!

Sign up Now! Come to the ICTM conference in October and help make it a truly historic event. Attend, learn, network, share, grow, rejuvenate, and return to your classroom with new ideas, insights, tools, resources, activities, and possibly, a little bit of goofiness.

I hope to see you all at Tinley Park. The Conference is Coming, The Conference is Coming.....

Dr. Bob Mann, ICTM President  
rr-mann@wiu.edu



## Board Chair Report

by Kara Leaman, ICTM Board Chair

The 2014 Board election results are in! See the results of the 2014 Election adjacent, on p. 3. For the second year in a row, there were problems with the post office machines tearing apart the paper ballots which were sent for the 2014 Board election. The Board

motioned and approved that all future Board elections be done online. The 2014 list of the ICTM awardees were approved through electronic vote by the Board following the April 26<sup>th</sup> meeting.

A nominating committee was established for the 2015 Board election. Also, Anita Reid was approved to finish the 2013–2016 Director 5–8 position held by Dan Greenfield, who passed away in March 2014. We will miss Dan’s positive and calm demeanor, and his commitment and passion for improving mathematics education in Illinois. A memorial was sent to the Education Trust for Dan’s two children.

Ann Hanson, Conference Chair for 2014 ICTM Annual Conference, joined the Board for discussion of the upcoming conference. The registration fees were approved, which include Friday- or Saturday-only options, as well as discounted fees for students. Early Bird registration will end September 26<sup>th</sup>, so get registered and help us welcome Dan Meyer to Illinois! This Annual Conference will not be one to miss. The awards reception to honor 2014 awardees and outgoing Board members will be Friday evening, followed later by a games party similar to those in recent years. The IMT reception will take place Saturday morning with coffee and rolls. Both the annual affiliate luncheon and ICTM business meeting are on the schedule for Saturday. See the ICTM website and conference booklet for further details, times, and locations at the Tinley Park Convention Center.

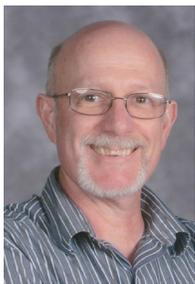
Don’t forget to check out [www.ictm.org](http://www.ictm.org) to see what is new there since your last visit. Special thanks to Board Director At-Large Adam Poetzel for his leadership, helping us making this a place to learn and grow as professionals. As Dan Meyer would say, are we “redefining what math is” for students in Illinois?

The next Board meeting will be held at the Bloomington Holiday Inn Express and is scheduled for August 23, 2014.

## Past President’s Message

by Don Porzio

ICTM Past President



ICTM Past-President

And so it ends. After a year as President-Elect, two years as President, and one year as Past-President, my presidential term on the ICTM Board comes to a close. To say that it has been an amazing four years would be an understatement of epic proportions. I have been given so many fantastic opportunities and had the chance to meet so many amazing people, all because you, the ICTM membership, put your trust in me to handle the duties of president of the organization. It has not been the smoothest of rides, but somehow we got to the end of it and managed to accomplish quite a bit together during that ride. Biggest amongst these has been the improvements to the ICTM web site, including the ever-growing library of videos from conferences and workshops, which were made possible through the money received from the Cummins Grant that ICTM was awarded in 2013 by NCTM’s Mathematics Education Trust. I trust current ICTM President, Bob Mann, and President-Elect, George Reese, to continue the enhancements to the web site, particularly since George was one of the people I sought out for advice on what to do to upgrade the web site at the beginning of my term.

Of course, I had a great deal of help and support during my term, because I certainly could not have performed the duties of ICTM President on my own. I hate to try and list all the people I owe thanks to because I certainly am going to miss a few important ones, but I’m going to give it a try since I owe so many of you a huge debt of gratitude. Let me start by thanking the members of the Math Team and the administration at IMSA for supporting me. When you consider that in April 2013, because of ICTM commitments, I was at IMSA for only half of the student contact days, you know that my family at IMSA did a lot for me so that I could do the things I needed to do for ICTM.

Next come all the members of the ICTM Board that I have had the honor of working with over the past four years. Carol Benson, John

Benson, Craig Cullen, Kathy Felt, Martin Funk, Dan Greenfield, Polly Hill, Natalie Jakucyn, Cathy Kaduk, Marshall Lassak, Kara Leaman, Mary Modene, Jackie Murawska, Catherine Moushon, Adam Poetzel, George Reese, Anita Reid, Jerrine Roderique, Kathleen Smith, Jenny Wexler, Jennie Winters, and Gwen Zimmermann. Of these, I have to give extra special thanks to Jenny Wexler (along with her colleague at New Trier High School, Keely Burns) and Anita Reid. In their role as Publication Liaison, they somehow managed to make sure the ICTM Bulletin got out on time, despite my habitual lateness sending in my articles (as is the case with this one), and for this, I am truly grateful. Board Chairs Natalie Jakucyn, and Kara Leaman also deserve additional thanks as they tolerated my late (or non-existent) Board reports. Perhaps even higher up on the “Suffering due to Porzio” scale are former ICTM Executive Director Ann Hanson, ICTM Treasurer Rich Wyllie, Bob Mann, and Past-President Fern Tribbey for as members of the ICTM Executive Board, they had to deal with my just-in-time (or almost-in-time) approach to many presidential tasks (such as putting together slates of candidates to run for the ICTM Board).

Speaking of Fern, I owe her a huge debt of gratitude for selecting me to run for ICTM President, for helping to prepare me for the job, and for being so supportive throughout my term. I also have to thank Past-Presidents Al Foster, Randy and Sue Pippen, and Sandra Spalt-Fulte for listening and providing advice when I needed it. FINALLY, my wonderful wife Lois gets the biggest thank you of all, for without her love, support, and willingness to let me take on this sometimes all-consuming job, I’d have never been ICTM President.

Though my term is finished, I certainly hope I can continue to help and support ICTM as a past-president. If the board needs me for anything (and is not too concerned about exactly meeting a deadline), I’m just a text, e-mail, or phone call away. Just remember, if my wife answers, hang up and try again, because you know what her answer will be. Best of luck to all. GO ICTM!!!

# 2014 ICTM Board Election Results

## President-Elect:

George Reese  
University of Illinois at Urbana-Champaign  
Champaign, IL

## Director EC–6:

Carly Morales  
Westmont Junior High School  
Westmont, IL

## Director 5–8:

Eric Bright  
Charleston Middle School  
Charleston, IL

## Director, Community College/University:

Peter Wiles  
Eastern Illinois University  
Charleston, IL

## Director at Large:

Zachary Herrmann  
Evanston Township High School  
Evanston, IL

These officers will assume their duties at the installment ceremony during the 2014 ICTM Annual Meeting on October 17.

Special thanks to the following candidates for their participation in the 2014 ICTM Board Elections:

- Margaret Dickow
- Daniel Kang
- Cheng-Yao Lin
- Karen Moore
- Jason Pound

In addition, very special thanks go to current Director 5–8, Anita Reid. Anita's term on the board was to end this October, but instead she has agreed to complete the unfinished term of Daniel Greenfield, who passed away earlier this year.

## ICTM List Serve Update

### Do you receive e-mails from the ICTM List Serve?

If you answered no, then consider subscribing today. Subscription to the List Serve is a benefit of your ICTM membership. E-mails sent through the List Serve often give information about upcoming conferences, details about professional development opportunities, information about ICTM awards and scholarships, links to math related websites and news articles, and questions/announcements from other math teachers around the state. All subscribers to the List Serve can send out messages to the recipient list. To sign up, visit [www.ictm.org](http://www.ictm.org) and sign-in using the member login on the left side of the homepage. You can create a new account if needed using your ICTM member number. Once logged in, select 'List Serve' under the Membership tab. Here you will find simple directions about subscribing and how to send messages. Subscribe today!



Math Musings  
with Martin

Given the function  
 $y = f(x)$  is funny.

What can be said  
about the function  
 $y = 2 * f(x/3)$  ?

It's funny too, but it's a stretch.

Submitted by Martin Funk, ICTM Director 9–12

## NCTM Reminder:

Help your professional organizations support each other! When renewing your *National Council of Teachers of Mathematics* Membership online, don't forget to checkmark the *Affiliate Rebate* box and designate ICTM as your affiliate organization. NCTM's Affiliate Rebate program provides a per-member rebate to ICTM based on this feedback. Your attention to this detail helps provide support for your local professional organization.

# ICTM Awardees and Scholarship Winners

One important function of ICTM is to recognize excellence. The ICTM awards for contributions to teaching and math education and the awards to the 2014 scholarship winners will be presented at the ICTM Annual Meeting in Tinley Park. The reception and awards presentation will be held Friday evening, October 17, 2015 at 5:15 p.m. in the Exhibit Hall North of the Tinley Park Convention Center. A cash bar and complimentary hors d'oeuvres will be provided by ICTM. Please join us at this important and fun event!

ICTM is proud to announce the 2014 recipients of ICTM awards for outstanding teaching and contributions to Education.

**Max Beberman Mathematics Educator Award**

**Alan Zollman**  
Northern Illinois University, DeKalb

**Distinguished Life Achievement in Mathematics Award**

**Angela Andrews**  
National Louis University - Retired

**Elementary Mathematics Teaching Award**

**Denise Brown**  
Carruthers Elementary School, Murphysboro

**Fred Flener Award : Engaging Students in Math Beyond the Classroom**

**Paul J. Karafiol**  
Walter Payton College Prep High School, Chicago

**Middle School Mathematics Teaching Award**

**Annie Forest**  
Freedom Middle School, Berwyn

**Illinois Promising New Teacher of Mathematics Award**

**Esther Song**  
Niles West High School, Niles

**T. E. Rine Secondary Mathematics Teaching Award**

**Sue Brown**  
York High School  
Elmhurst

**Lee Yunker Mathematics Leadership Award**

**David Spangler**  
McGraw-Hill Education - ActiveMath Workshops, Chicago

The awards presentation will include a short video about each awardee. This is an opportunity to honor and congratulate those who have played a special role in the lives of their students and colleagues. Come celebrate their accomplishments, say thank you to someone you know, and be inspired by the work of someone you have not yet met.

At the awards reception, we will also honor and congratulate the 2014 Scholarship winners:

<i>Name</i>	<i>Hometown</i>	<i>Level/Program</i>	<i>School</i>
Kimberly Grimmer	Woodridge, IL	Junior - Secondary	Augustana College
Melanie Kachinsky	Frankfort, IL	Senior - Secondary	Illinois State University
Jennifer Richter	Aviston, IL	Junior - Elementary	Southern Illinois University at Edwardsville
Jocelyn Wilcox	Bourbonnais, IL	Senior - Secondary	North Central College
Amy Zahner	Alton, IL	Junior - Elementary	Illinois College

***Please join us in celebrating the accomplishments of all award winners at the Awards Banquet on Friday, October 17!***

## How Well Do You Know Your Classmates? Grades 6–7

# How Well Do You Know Your Classmates?

Name: \_\_\_\_\_



Do you know what percentage of your class prefers McDonald's fries over Burger King's? In this game, you will put your estimation skills to the test as we learn more about the people in this class. Your score for each question is determined by taking the absolute value of the difference between your Guess (%) and the Actual Percent discovered in class. An exact match would be a score of zero, so in the end, the lowest average score will win!



#	My Guess (%)	Fraction	Decimal	Percent	My Score
0					

#	My Guess (%)	Fraction	Decimal	Percent	My Score
1					
2					
3					
4					
5					
6					
7					
8					
<b>My Average (Mean) Score :</b>					

# ***How Well Do You Know Your Classmates? Grades 6–7***

**Activity Title:** “How Well Do You Know Your Classmates?”

**Math Objectives:**

- Converting fractions to decimals and percents
- Estimating percentages
- Applying absolute value
- Calculating a mean

**Common Core Standards:** 6.RP.3c, 6.NS.7c, 7.RP.3, 7.NS.2d

**Activity Overview:** In this class activity, the teacher will ask the students a percentage question such as: “What percentage of the girls in this class were born outside of Illinois?” Students will estimate a percentage for the question. After all students have recorded an estimate, the teacher will ask the students to raise their hands who represent a positive answer to the question (ex: All the girls who were born outside of IL would raise their hand). The hands are counted and students record the fraction of girls born outside of IL and then convert it to a decimal and percent. Their score for each round is calculated by the absolute value of the difference between their estimated percent and the actual percent. Thus a score of zero is the best possible! This process is repeated and after all the rounds have been played, students find their mean score. The student with the lowest mean wins!

**Teacher Notes:**

- The worksheet begins with a “round zero”. This is meant to be a practice round to demonstrate how the activity works. This round does not count in the final score calculations.
- A key to this game is to change the size of the sample that your question addresses. This changes the denominator of your fraction and varies estimation strategies and calculation procedures. You may ask questions that poll the whole class, just the girls or boys in the class, certain rows or columns of students, students of a certain age, students involved in certain school activities, etc.
- Encourage students to think carefully about their estimates. For example, if they are polling a sample size of 5 students, it can be reasoned that the possible percentage answers will be either: 0, 20, 40, 60, 80, or 100.
- Have fun with the questions! Have the students suggest some!

**Sample Questions (Be Creative!):**

- What percent of people in this class prefer to eat at McDonalds’s over Burger King?
- What percent of the boys in this class have a pet dog?
- What percent of students in the front row have a sister?
- What percent of people wearing glasses would say they are Cubs fans?
- What percent of the girls in this class watch American Idol?
- What percent of 12 year olds in this class have swam in an ocean?

# Divisibility Tests Grades 4–5

## Divisibility Tests

This Divisibility Tests activity is designed for use in a 4<sup>th</sup> or 5<sup>th</sup> grade classroom as an extension of the Grade 4 Common Core Standard *Gain familiarity with factors and multiples*. Students can not only apply their knowledge of multiples, but they can also explore why certain rules work using the notion of *relative prime* pairs of natural numbers.

In the following chart, test each of the numbers in the first column for divisibility by 2, 3, 4, 5, 6, 8, 9, and 10. (You may use a calculator for columns 4 and 8 only.)

- If the number is divisible, write that number under the correct column.
- If the number is not divisible, leave that space blank.

The first one has been completed as an example.

	2	3	4	5	6	8	9	10
165		3		5				
8,170								
952								
3,375								
29,178								
64,423								
76,380								
51,480								

### Questions:

If a number is divisible by 2 and 3, then is it also divisible by 6?

\_\_\_\_\_ Why or why not?

If a number is divisible by 2 and 5, then is it also divisible by 10?

\_\_\_\_\_ Why or why not?

### Other interesting conclusions...

If a number is divisible by 3 and 4, then is it also divisible by 12?

\_\_\_\_\_ Why or why not?

If a number is divisible by 2 and 6, then is it also divisible by 12?

\_\_\_\_\_ Why or why not?

# CONFERENCE CORNER

ICTM 2014 Pre-Conference and Annual Meeting:

## Unprecedented Changes: Remarkable Opportunities

October 17–18, 2014  
Tinley Park Convention Center  
Tinley Park, IL

- Featured Speaker: **Dan Meyer!**
- **Earlybird registration:** register by September 26 to save money!
- **Convenient access** from Interstates 55, 57 & 80, and for bus, train and air travelers!
- **Two-day schedule:** Friday morning Pre-Conference; Annual Meeting proceedings Friday afternoon and all day Saturday!
- **All-inclusive location** - no trekking between buildings for events!
- **Free Parking!!!**
- **Free wifi access** throughout the conference facility!
- **Convenient access** to nearby restaurants & shopping!



Pre-Conference and  
Keynote Presenter:

**Dan  
Meyer**

## PROGRAM GUIDES NOW AVAILABLE ONLINE!

View your 2014 ICTM Annual Meeting and Pre-Conference program guide online NOW at  
<http://www.ictm.org/download/conferencebook14.pdf>

Friday night - the conference is half over! What to do? Join in the fun at the ...

*Make new friends*

*Play fun  
games*

*Enjoy some snacks*

**2014 Conference  
Half-Time Party!**  
(formerly known as Game Night)

Friday, October 17, 2014  
9 - 11 p.m.  
at the Tinley Park Convention Center

Featuring a  
**Math Sing-a-long**  
with special guest  
Dane Camp

No Entrance Fee  
Complimentary  
Snacks  
Cash Bar

**64th ICTM Pre-Conference and Annual Meeting  
Registration Form — Early Bird Deadline September 26th**

Name: \_\_\_\_\_

Check preferred mailing address. Please complete both columns.       Home       Work

Home Address: \_\_\_\_\_ Work Address: \_\_\_\_\_

\_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_ City: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_ E-mail: \_\_\_\_\_

Mail my confirmation to:     Home     School  
Indicate if you are a (check as many as appropriate):     Speaker     Presider     Board Member

**Early Bird Registration** (deadline September 26) for BOTH Friday, October 17 (includes lunch) and Saturday (October 18).

- ICTM Member    (\$105.00)    \_\_\_\_\_
- Non-member    (\$170.00)    \_\_\_\_\_
- Student    (\$30.00)    \_\_\_\_\_

**Late Registration** (after September 26) for BOTH Friday, October 17 (includes lunch) and Saturday, October 18 - registration deadline October 12.

- ICTM Member    (\$125.00)    \_\_\_\_\_
- Non-member    (\$205.00)    \_\_\_\_\_
- Student    (\$30.00)    \_\_\_\_\_

**Friday ONLY**, October 17 (includes lunch) - registration deadline October 12.

- ICTM Member    (\$85.00)    \_\_\_\_\_
- Non-member    (\$135.00)    \_\_\_\_\_
- Student    (\$30.00)    \_\_\_\_\_

**Saturday ONLY**, October 18 registration.

- ICTM Member    (\$70.00)    \_\_\_\_\_
- Non-member    (\$120.00)    \_\_\_\_\_
- Student    (\$30.00)    \_\_\_\_\_

*Please note that walk-in registration is not available for Friday.*      **Total Fees:** \_\_\_\_\_

**Workshop Number(s)** \_\_\_\_\_ (3 workshop limit)    Alternate Choice \_\_\_\_\_

General Sessions do NOT require tickets.

**Payment Method:**

Check payable to: **Eastern Illinois University**       Master Card       Visa       Discover

Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Name on Card \_\_\_\_\_ Signature \_\_\_\_\_

**Mail registration form and payment to:**    *ICTM Conference, Eastern Illinois University,  
School of Continuing Education, 600 Lincoln Avenue, Charleston, IL 61920-3099, or register online at ICTM.org.*

IN CASE OF EMERGENCY PLEASE NOTIFY:

Name \_\_\_\_\_ Phone \_\_\_\_\_ Relationship \_\_\_\_\_

# RESULTS from the 2014 ICTM High School State Math Contest

(held May 3, 2014, at the University of Illinois at Urbana-Champaign)

## *Division 1A*

Cornerstone	693
Johnston City	529
Rosary	362
High School of Saint Thomas More	347
Alpha Omega	336
Northridgeprep	333
Maroa-Forsyth	323
College Prep School of America	291
Gibault Catholic	291
Oblong	284

## *Division 2A*

University of Chicago Laboratory	849
Lake Forest Academy	677
Morton	663
Montini Catholic	618
Marmion Academy	608
University (Normal)	584
Mahomet-Seymour	560
Richmond-Burton	557
Herrin	533
St. Francis	499

## *Division 3AA*

Vernon Hills	690
Libertyville	654
Marist	606
University of Illinois Laboratory	602
Northside College Prep	574
Glenbard South	551
Fenwick	542
Lake Forest	519
Benet Academy	501
Deerfield	443

## *Division 4AA*

Whitney Young	1073
Illinois Math/Science Academy	1054
Adlai E. Stevenson HS	1037
Naperville North	988
New Trier	959
Neuqua Valley	855
Walter Payton	830
Naperville Central	806
Glenbrook North	798
Glenbrook South	781

Details about team scores and specific events is posted on the ICTM Contest website <http://ictm.org/links/contest.html>

### **Registration for the 2015 High School Contest is now open.**

**2015 Regional Contest** - Saturday, February 28, 2015

**2015 State Finals** - Saturday, May 2, 2015

The registration deadline and information about fees and registration is available on the ICTM website (<http://ictm.org/links/contest.html>) or contact the high school contest chair ([hschair@ilmathcontest.com](mailto:hschair@ilmathcontest.com)). New schools can contact [hschair@ilmathcontest.com](mailto:hschair@ilmathcontest.com) for information and to get a school account set up.

### **And don't forget the ICTM Grade School/Junior High Math Contest!**

Online registration for the 2014-15 season is now open, and closes on November 1, 2015. Again, more information is available on the ICTM website (<http://ictm.org/links/contest.html>) or contact the grade school/junior high contest chair ([gschair@ilmathcontest.com](mailto:gschair@ilmathcontest.com)).

# Mathematics Department Heads of the Western Chicago Suburbs

2014–2015 Program

## Assessments! Assessments! Assessments!

Date	Location	Address	Topic/Presenters
Mon. Sept. 22 <sup>nd</sup>	Lyons Township High School – South Campus	4900 Willow Springs Road Western Springs IL 60558	Redos/Retakes? Mastery Of Learning!
Mon. Nov 3 <sup>rd</sup> (Tentative Date)	Maggianos	1847 Freedom Drive Naperville, IL 60563	<b>Annual Luncheon!</b>
Mon. Dec 8 <sup>th</sup>	Waubonsie Valley High School	2590 Ogden Ave. Aurora, IL 60504	Mini MDHWCS – Teachers Talking about Tasks for Algebra 2 <b>INVITE TEACHERS!</b>
Mon. Jan 26 <sup>th</sup>	Leyden East High School	3400 Rose St. Franklin Park, IL 60131	Writing Assessments with the Pippens!
Mon. Feb 9 <sup>th</sup>	Naperville North High School	899 Mill St. Naperville, IL 60563	MDHWCS – Teachers Talking about Tasks for Statistics with a focus of Algebra 1 or 2 Connections. <b>INVITE TEACHERS!</b>
Mon. Mar 9 <sup>th</sup>	Addison Trail High School	213 N. Lombard Rd. Addison, IL 60101	Formative Assessments as Instructional Tools
Mon. Apr 13 <sup>th</sup>	North Central College	30 N. Brainard St. Naperville, IL 60540	Mini MDHWCS – Teachers Talking about Tasks for Geometry <b>INVITE TEACHERS!</b>

### 2014–2015 Steering Committee

Office	Name	School	Email
President	Howard Phelan	Naperville North HS	<a href="mailto:hphelan@naperville203.org">hphelan@naperville203.org</a>
President – Elect	Jason Bugajsky	Addison Trail HS	<a href="mailto:jbugajsky@dupage88.net">jbugajsky@dupage88.net</a>
Past – President	Janice Krouse	Illinois Math and Science Academy	<a href="mailto:krouse@imsa.edu">krouse@imsa.edu</a>
Secretary	Molly Owles	Waubonsie Valley HS	<a href="mailto:molly_owles@ipisd.org">molly_owles@ipisd.org</a>
Treasurer	Jon Heldmann	Downers Grove North HS	<a href="mailto:jheldmann@cgsd99.org">jheldmann@cgsd99.org</a>
Organization Liaison	Michele Chapman	Lyons Township HS	<a href="mailto:mchapman@lths.net">mchapman@lths.net</a>
College	Mary McMahan	North Central College	<a href="mailto:mtmcmahan@noctrl.edu">mtmcmahan@noctrl.edu</a>
First Year	Mary O'Sullivan	Morton District #201	<a href="mailto:mo'sullivan@j-smorton.org">mo'sullivan@j-smorton.org</a>
Second Year	Jeremy Babel	Leyden HS	<a href="mailto:jbabel@leyden212.org">jbabel@leyden212.org</a>
Third Year	Jackie Palmquist	Metea Valley HS	<a href="mailto:jacqueline_palmquist@ipisd.org">jacqueline_palmquist@ipisd.org</a>

# **PLAN NOW:** **PRESENT OR ATTEND YOUR LOCAL ICTM REGIONAL CONFERENCE**

Presentation proposals are still being accepted for all these events.

## **SIU-CARBONDALE**

Thursday  
February 19, 2015

For more information, contact:  
[jbecker@siu.edu](mailto:jbecker@siu.edu)

## **WIU-MACOMB**

Friday  
April 10, 2015

For more information, contact:  
[d-lafountain@wiu.edu](mailto:d-lafountain@wiu.edu)

[www.wiu.edu/cas/math/teachers\\_conference](http://www.wiu.edu/cas/math/teachers_conference)

## **EIU-CHARLESTON**

Tuesday  
April 7, 2015

For more information, contact:  
[dkmeadows@eiu.edu](mailto:dkmeadows@eiu.edu)

[www.eiu.edu/adulted/mathconf.php](http://www.eiu.edu/adulted/mathconf.php)

## ***ISBE Model Math Curriculum Units***

Several members of the ICTM Board of Directors have been working on the ISBE Model Math Curriculum Project since October 2012. In addition to a complete Scope and Sequence containing the New Illinois Learning Standards Incorporating the Common Core, this team has also written Units for all courses K–Math 3.

ISBE Model Math Curriculum Units can be found here:

**<http://www.livebinders.com/play/play?id=953710>**

Recent additions include up-to-date lessons, and also family letters for each unit of study. Be sure to check back often for future updates!

ILLINOIS COUNCIL OF TEACHERS OF MATHEMATICS  
**SCHOLARSHIPS IN  
MATHEMATICS**

The ILLINOIS COUNCIL OF TEACHERS OF MATHEMATICS presents annual ICTM Scholarships in Mathematics Education.

A minimum of 2 and a maximum of 5 annual awards of **\$1500** will be granted to help defray educational expenses of the recipients.

Complete information and the application form can be found on the ICTM website at

<http://www.ictm.org/scholarship.html>

Students can download the application forms, request them from their mathematics education department or write to:

Sue and Randy Pippen  
ICTM Scholarship  
24807 Winterberry Lane  
Plainfield, IL 60585

Please enclose a self-addressed stamped business envelope with your request for application forms.

The completed application forms must be received in one mailing or combined with an e-mail and must be postmarked on or before **March 1 of the year of application**. The recipients of the scholarship awards will be announced in June and awarded at the banquet at the ICTM Regional Meeting each fall.

**MATH ENERGY**  
for Pre-Service Teachers  
at Eastern Illinois University

In 1991 the Math Energy Club was established at Eastern Illinois University. In the fall of 1992, Math Energy became an affiliate group of Illinois Council of Teachers of Mathematics (ICTM) and received our affiliate group charter from the National Council of Teachers of Mathematics (NCTM) at the 1994 NCTM meeting at Indianapolis.

**Math Energy** is a pre-service teacher organization which meets monthly to give members the opportunity to attend presentations by various professionals speaking on math related topics in the field of education. Math Energy focuses on a hands-on approach to teaching math. All grade and ability levels are explored at our meetings.

Monthly meetings will be scheduled for Spring Semester. More information can be found on the Math Energy website:

<http://mathenergy.wordpress.com>

**NOMINATE NOW**  
for the  
**2015 ICTM AWARDS!**

Please take a moment to think about a teacher who makes a difference. This person may be a colleague, an administrator, a university professor, or even your own child's teacher. Please consider nominating that person for an ICTM award. We are all aware that teaching is a lot of hard work without much compensation; one way to recognize excellence in our field is to nominate an excellent teacher. As well, it is fun and rewarding to participate in the nominating process.

The details of the awards are available on the ICTM website, <http://www.ictm.org/ictmawards/>. The process is simple. The deadline is March 30 of each calendar year, and nominations can be sent as a .pdf file or mailed to the addresses provided on the website. I look forward to reading about the accomplishments of many of the educators throughout the state.

I know that many of you who have read this are saying, "Yes, that is a good idea. I have been meaning to nominate that person." Or maybe you're saying, "Yes, but it's too late for this year." Please start the process right now, even if it's for the 2016 Awards. The nominating process is an important part of emphasizing the best parts of our profession in a moment when much of the general public wants to believe many of us are incompetent. So please commit to submitting a nomination and help to honor a fellow educator.

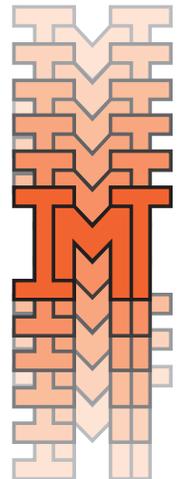
**Illinois  
Mathematics  
Teacher  
Journal**

*call for articles*

The editors invite submissions from both new and experienced authors, and accept articles on a range of topics, including:

- innovative classroom activities and lessons
- applications to the classroom of pedagogical research and best practices
- examples of implementing standards
- reviews of recent books on pedagogy
- any other articles that will support the professional development of ICTM members

Please send submissions to [imt@ictm.org](mailto:imt@ictm.org).



# Your ICTM Board Representatives

<b>Robert Mann</b> (2012–15) President Western Illinois University	<b>Ann Hanson</b> Executive Director Columbia College	<b>Craig Cullen</b> (2013–16) Director, University/ Community College Illinois State University	<b>Kara Leaman</b> (2012–15) Board Chair/Director 9–12 Unity High School
<b>Don Porzio</b> (2010–13) Past President IMSA	<b>Jackie Murawska</b> (2013–16) Director-at-Large North Central College	<b>Marshall Lassak</b> (2011–14) Director, University/ Community College Eastern Illinois University	<b>Anita Reid</b> (2011–14) Director 5–8 Lewistown Central High School
<b>Lannette Jennings</b> (2012–15) Secretary Monmouth-Roseville High School	<b>Adam Poetzel</b> (2012–15) Director-at-Large University of Illinois at U-C	<b>Martin Funk</b> (2013–16) Director 9–12 New Trier High School	<b>Polly Hill</b> (2011–14) Director EC–6 Champaign Unit 4 Schools
<b>Rich Wyllie</b> Treasurer Retired	<b>Gwen Zimmermann</b> (2011–14) Director-at-Large Adlai E. Stevenson High School		<b>Jennie Winters</b> (2012–15) Director EC–6 Lake County ROE

Please contact any of the following ICTM board members if you have any questions or concerns:

**President**

Robert Mann  
Mathematics Dept.  
Western Illinois University  
Macomb, IL 61455-1390  
[rr-mann@wiu.edu](mailto:rr-mann@wiu.edu)

**Board Chair**

Kara Leaman  
613 CR 1500E  
Tolono, IL 61880  
[idomath@comcast.net](mailto:idomath@comcast.net)

**Conference Director**

Ann Hanson  
Science/Math Dept.  
Columbia College  
600 S. Michigan  
Chicago, IL 60605  
[ahanson@colum.edu](mailto:ahanson@colum.edu)

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Directors: Anita Reid/Martin Funk

Submissions from:

Reports: John Benson  
Martin Funk  
Kara Leaman  
Robert Mann  
Randy & Sue Pippen

Activities: Jackie Murawska  
Adam Poetzel

Conference Info: Bob Williams  
Dave Wartowski

Produced by: Eastern Illinois University  
School of Continuing Education

## Why You Should Join

- Connect with other educators working to improve mathematics education.
- Contribute to mathematics education.
- Stay current about regional, state and national meetings.
- Attend conferences at reduced rates.
- Receive the *ILLINOIS MATHEMATICS TEACHER*, a journal with articles about teaching and learning mathematics at levels from kindergarten to college.
- Receive the *ICTM BULLETIN*, with classroom activities, news and information about professional development opportunities.

## CALL FOR ARTICLES

### *Can you help?*

The Illinois Mathematics Teacher is always looking for new reviewers and articles. If you would like to volunteer as a reviewer or have an article to submit, please contact the editors at [imt@ictm.org](mailto:imt@ictm.org).

We look forward to hearing from you.

For ICTM Membership Services, please contact:

**ICTM Membership**

c/o School of Continuing Education  
Eastern Illinois University  
600 Lincoln Avenue  
Charleston, IL 61920-3099

phone 800-446-8918 or 217-581-5116

e-mail [ictm\\_membership@eiu.edu](mailto:ictm_membership@eiu.edu)

Join or Renew Online at: <https://ictmservices.org>

## ICTM MEMBERSHIP APPLICATION FORM

Clip out this page and mail it with your payment to the address below.

- New Member     
  Reinstatement     
  Renewal     
  Change of Address

Name \_\_\_\_\_ Member Number \_\_\_\_\_

Check preferred mailing address. Please complete BOTH columns.

- |  |  |
|--|--|
| <input type="checkbox"/> Home<br>Street Address: _____<br>City: _____<br>State: _____<br>Zip Code: _____<br>Phone: _____<br>Email: _____ | <input type="checkbox"/> Work<br>School Address: _____<br>City: _____<br>State: _____<br>Zip Code: _____<br>Phone: _____<br>Email: _____ |
|--|--|

Regional Office of Education

NCTM Member?       Yes       No

**Profession: (check only one)**

- EC-3 Teacher
- 4-6 Teacher
- Jr. High/Middle Teacher
- Sr. High Teacher
- Special Education Teacher
- Community College
- College/University
- Administration
- Retired
- Student
- Institutional Member
- Other
- Other

**Interests: (check up to three)**

- Remedial
- Gifted
- Teacher Education
- Assessment
- Certification
- Multicultural Education
- Teacher Evaluation
- Professional Development
- Scholarship
- Technology
- Research
- Math Contest

Please note, the ICTM membership year ends on November 5, and memberships are not prorated. However, memberships purchased between April 1 and November 4 will be active for the full membership cycle purchased, PLUS a grace period between the date of purchase and November 5, the beginning of the next full membership cycle.

Dues for ICTM Membership:

**Regular member**

- one year \$35
- three year \$100
- five years \$160

**Student Member**

(This rate is reserved for full-time, baccalaureate pre-service students only)

- one year \$20

**Retired Member**

- one year \$30

**Institutional Member**

- one year \$100

(The name of classroom teacher in the blank at the top of this page will be used as the contact teacher for the institutional membership. Please make sure to indicate a contact person.)

If recruited as a new member by a current member, please list the recruiter's name \_\_\_\_\_

Mail this application and a check or money order payable to: **EASTERN ILLINOIS UNIVERSITY**

ICTM Membership  
 School of Continuing Education  
 Eastern Illinois University  
 600 Lincoln Avenue  
 Charleston, IL 61920-3099

Total Enclosed: \$ \_\_\_\_\_

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## ICTM 2014 Pre-Conference & Annual Meeting

Tinley Park, IL

Pre-Conference      October 17, 2014

64<sup>th</sup> Annual Meeting      October 17–18, 2014

## ICTM Spring Regional Conferences:

Southern Illinois University at Carbondale      Thursday, February 19, 2015

Western Illinois University, Macomb      Friday, April 10, 2015

Eastern Illinois University, Charleston      Tuesday, April 7, 2015

## NCSM Annual Conference

Boston, MA

April 13–15, 2015

## NCTM 2015 Annual Meeting and Conference

Boston, MA

April 15–18, 2015

## ICTM 2015 Math Contest

University of Illinois at Urbana-Champaign

May 2, 2015

901090

c/o Eastern Illinois University  
School of Continuing Education  
600 Lincoln Ave.  
Charleston, IL 61920-3099



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