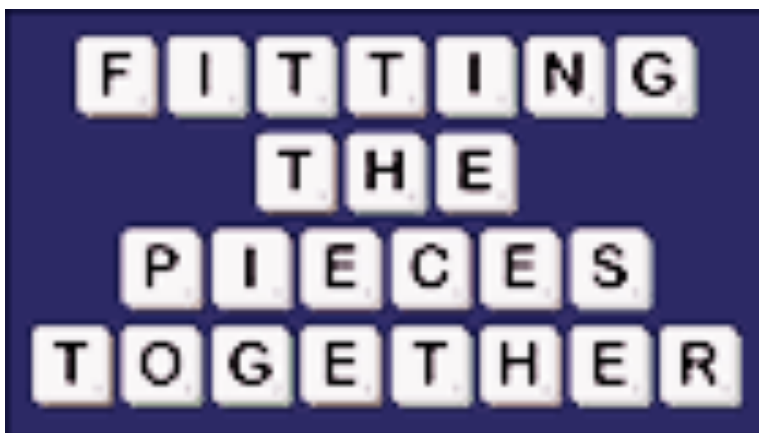


The TMTA Bulletin

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TMTA / MT²NW / 2010

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Do you have an article? News? Lesson Plans? Teaching Strategies? Ideas? Submit your article for the next TMTA Bulletin to Sandy Christen at christendk@comcast.net by October 15! ❖

TMTA affiliates:

- ❖ Chattanooga Area Mathematics Teachers' Association
- ❖ Mathematics Teachers of Tennessee Northwest
- ❖ Memphis Area Council of Teachers of Mathematics
- ❖ Middle Tennessee Mathematics Teachers
- ❖ Smoky Mountain Mathematics Educators' Association
- ❖ Tennessee Mathematics Association for Two Year Colleges
- ❖ Tennessee Association of Mathematics Teacher Educators
- ❖ Upper East Tennessee Council of Teachers of Mathematics

September 24-25, 2010

TMTA/MT²NW 2010 Fall Conference

The University of Tennessee at Martin

Friday Keynote Speaker

Dr. Colm Mulcahy

Professor Colm Mulcahy earned a B.Sc and M.Sc. in Mathematical Science from University College Dublin, in Ireland, in the late 1970s. A few years after getting his PhD from Cornell University in 1985, based on research in the higher level theory of quadratic forms conducted under Alex F.T.W. Rosenberg, he joined the mathematics faculty at Spelman College, in Atlanta, Georgia. He's been there ever since, and served as department chair 2003-2006.

Over the years, his interests have expanded to include number theory, geometry, geometric design, image processing and data compression, and he loves to engage undergraduate students in research in these and other areas. His expository Mathematics Magazine paper "Plotting and Scheming with Wavelets" earned him a Carl B. Allendoerfer Award from the MAA in 1997.

Since 1999, he has taught quantitative reasoning courses extensively, and has become passionate about the importance of all students (mathematics majors too) being well educated in this arena.

He's been hooked on mathematical card tricks for quite a while, and since 2004 has explored mathematical principles, both old and new, in the bimonthly "Card Colm" for MAA Online. In December 2009, the New York Times featured one of his card creations in John Tierney's Monday Puzzles blog.

He likes to eat, cook, jog and bike, but not necessarily in that order.



Saturday Keynote Speakers



Tennessee State Collaborative on Reforming Education

Mr. Brad Smith, Executive Director

Ms. Alene Arnold, Director Statewide Operations

Executive Director Brad Smith is a Rhodes Scholar from Knoxville who has worked on education policy with the Brookings Institute and research centers at Harvard, Stanford, and Oxford universities. He has also worked on several statewide campaigns in Tennessee and in the White House Office of Political Affairs. Working with Senator Frist over the past year, Brad has conducted over 70 formal interviews with national education reform leaders including Michelle Rhee, Joel Klein, and Wendy Kopp. Brad oversees SCORE's operations and activities.

Director of Statewide Operations Alene Arnold most recently worked as Associate Director for Alignment Nashville, planning and coordinating strategic community involvement in Metro Nashville Public Schools. She has served on many task forces in support of education including the Nashville Area Chamber of Commerce School Report Card Committee, the Mayor's Task Force for Student Success and the MNPS School Board's Student Assignment Task Force. Alene has a Masters Degree in Education from Peabody College and a Masters of Theological Studies from Vanderbilt Divinity School. She is also the mother of our MNPS students. Alene leads SCORE's grassroots and outreach efforts across the state. Alene began her career as a 7th grade math and English teacher in Sumner County Tennessee Schools.

Dear Mathematics Educators,

As your mathematics coordinator at the state department of education please allow me to say a very sincere thank you for embracing new standards and the many challenges associated with implementing them. I know the new standards have presented a dramatic shift in how we approach teaching and how we define proficiency in student work. Although there has been much professional development around the new standards over the past three years, I know there is still much work to be done. As TMTA members I encourage you to reach out to your colleagues and help them realize the value of TMTA membership and the professional development that you receive as a participating professional teacher.

I would like to call your attention to the newly revised upper high school courses and the new Bridge Math Course and Senior Finite Math Course. These new courses can be found on the state website:

<http://www.tennessee.gov/education/ci/math/index.shtml>

The Bridge Math Course is designed to help struggling students who are not yet college ready based on prior course performance in Algebra II or the ACT. Whereas, the Senior Finite Math Course is designed for the many students who are college ready, but choose not to take a traditional STEM math course such as PreCalculus, Statistics, Discrete Math, etc...

As we continue to implement new standards and new state assessments, I believe we can all benefit from being a part of a professional learning community (PLC). Certainly your active role in TMTA embodies a PLC, but I urge you to form small group PLCs at your school level. Please take advantage of state resources such as the Tennessee Electronic Learning Center <http://tnelc.org/> and <http://www.stemresources.com>.

Thank you for supporting our students as we Race to the Top and build a stronger network of support for STEM education.

Scott Eddins

TDOE Mathematics Coordinator/Office of STEM Education

Scott.eddins@tn.gov

APSU Hires New Faculty

The Austin Peay State University hired two new tenure-track mathematics instructors this fall, Ashley Stonecipher and Tyler Turner. Ashley received her MS degree from Indiana State University in 2010. She served as a graduate teaching assistant at ISU and her area of expertise is mathematics education. Tyler received his MS degree from the University of Memphis in 2008. His thesis was *The Dynamics of Tent Maps*. Tyler was a graduate teaching assistant and has University teaching experience. We welcome these new faculty members to Austin Peay State University and Clarksville, Tennessee.

- Submitted by Jackie Vogel

From Lois Coles: Here is a GREAT website to share as many of us are now incorporating literacy into our math classes.

http://www.grpl.org/wiki/index.php/S.T.E.M._Booklist_for_Kids_and_Teens

Save the date!

The MTMT Conference,
“The SHAPE of things to come”
will be held February 4-5, 2011
at Ravenwood High School ❖

TMTA Math Contest 2010 Top 10 Mathletes

State Top Ten - Algebra I

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	176	Ouyang, Richard	Memphis University School	Memphis	Loyal Murphy
2	170	Ellingham, Sophia	Martin Luther King	Nashville	Debra Smotherman
3	165	Zhao, Yunhua	Memphis University School	Memphis	Loyal Murphy
4	161	Li, Gene	Woodland Middle	Brentwood	Kate Hauck
5	156	Villarreal, John	University School of Jackson	Jackson	Carla Roach
6	155	Sathe, Aditya	Woodland Middle	Brentwood	Kate Hauck
7	153	Daniel, Baty	Memphis University School	Memphis	Loyal Murphy
8	149	Hays, Matthew	University School	Nashville	Sarah Ice
9	148	Samuels, David L	McCallie	Chattanooga	Cary Hubbard
10	146	Nuako, Akua	University School of Jackson	Jackson	Carla Roach

State Top Ten - Geometry

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	181	Gong, Franklin	Avery Trace MS	Cookeville	Jason Summers
2	173	Sullivan, Garret	Memphis University School	Memphis	Diana Moore
3	169	Elkelany, Osama	Avery Trace MS	Cookeville	Jason Summers
4	168	Yu, Melissa	Farragut Middle School	Knoxville	Angela Buckman
5	167	Bindra, Angad	University School of Jackson	Jackson	Donald Newman
5	167	Satam, Keyuree	Lausanne Collegiate	Memphis	Jill Damplo
7	166	Shen, Larry	Jefferson Middle School	Oak Ridge	George Aylor
7	166	Durden, William	Houston High School	Germantown	Leigh Packard
9	158	Yang, Karen	Woodland Middle	Brentwood	Linda Conrad
9	158	Zhang, Shu	Martin Luther King	Nashville	Alton Knight

State Top Ten - Algebra II

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Nelius, Eric	Tullahoma High School	Tullahoma	Amber Charboneau
1	200	Young, Dylan	University School	Nashville	Cynthia Crenshaw
3	195	Bu, Tom	Montgomery Bell Academy	Nashville	Maggie Qian
3	195	Carter, Kaitlin	Merrol Hyde Magnet	Hendersonville	Melissa Perry
3	195	Ding, Frances	Ravenwood High School	Brentwood	Bryan Weaver
3	195	Zuo, Daniel	White Station High School	Memphis	Daniel Nowiski
7	190	Tidwell, Hunter	Montgomery Bell Academy	Nashville	Maggie Qian
8	186	Paul, Austin	Hume-Fogg	Nashville	Kristen Shaffer
9	185	Tran, Lam T	Farragut High School	Knoxville	Joshua Holt
9	185	Emadian, Elliott	Tullahoma High School	Tullahoma	Kim Carter
9	185	Gudibanda, Aditya	Hume-Fogg	Nashville	Kristen Shaffer

TMTA Math Contest 2010 Top 10 Mathletes

State Top Ten – Pre-Calculus

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Andress, James M.	Oak Ridge High School	Oak Ridge	Phyllis Hillis
1	200	Goldstein, Eli	Memphis University School	Memphis	Nancy Gates
3	195	Fan, David	Hume-Fogg	Nashville	Kristen Shaffer
3	195	DeMaio, Andrew	Evangelical Christian	Cordova	Preston Bryant
3	195	Hoang, Lawrence	White Station High School	Memphis	Rebecca Newman
6	190	Senter, James K.	Oak Ridge High School	Oak Ridge	Phyllis Hillis
6	190	Zeiser, Michael J.	McCallie School	Chattanooga	Rob Lyons
6	190	Allen, Brian	Siegel High	Murfreesboro	John Dusenberry
6	190	Arildsen, Mark	University School	Nashville	Debbie Davies
6	190	Gu, Jiahe	Martin Luther King	Nashville	Elizabeth Petty
6	190	Hohne, Erica	Tullahoma High School	Tullahoma	Frank Vanzant
6	190	Knowles, William	University School	Nashville	Debbie Davies
6	190	Miller, Brandon	Tullahoma High	Tullahoma	Frank Vanzant
6	190	Scherrer, Joe	Montgomery Bell Academy	Nashville	John Lanier
6	190	Brockwell, William	Arlington High School	Arlington	David Offerle
6	190	Geiger, Jacob	White Station High School	Memphis	Rebecca Newman

State Top Ten – Calculus and Advanced Topics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	196	Zhang, Leon	Oak Ridge High School	Oak Ridge	Benita Albert
2	188	Brumfield, Allison	Tullahoma High	Tullahoma	Frank Vanzant
3	182	Crouch, Anna	Tullahoma High	Tullahoma	Frank Vanzant
4	178	Miller, Justin	Tullahoma High	Tullahoma	Frank Vanzant
5	177	Ball, Ian	University School	Nashville	Simone Bova
6	173	Carter, Ryan	Tullahoma High	Tullahoma	Frank Vanzant
6	173	Cuddy, Kevin	Collierville High School	Collierville	Harry Justus
8	172	Singh, Shashank	University School	Nashville	Akram Aldroubi
9	170	Khim, Justin	University School	Nashville	Akram Aldroubi
9	170	Boothby, Ian	Hume-Fogg	Nashville	Karen Boles

State Top Ten - Statistics

<u>Rank</u>	<u>Score</u>	<u>Name</u>	<u>School</u>	<u>City</u>	<u>Teacher</u>
1	200	Sastry, Karthik	Montgomery Bell Academy	Nashville	James Shackelford
2	195	Robinson, Joseph	Maryville High School	Maryville	Nate Lee
3	192	Schlunk, Siegfried	Brentwood High School	Brentwood	Jerry Stelmazak
4	191	Bottorff, Mary	Farragut High School	Knoxville	Angela Buckman
4	191	Oreskovic, Amy	Dobyns-Bennett	Kingsport	Brian Tate
4	191	Schulson, Leah	Baylor School	Chattanooga	Marti Wayland
4	191	Delbridge, Ian	Siegel High	Murfreesboro	Amber Matuszewski
4	191	Ford, Jere	Brentwood High School	Brentwood	Jerry Stelmazak
4	191	Gadd Eli	Ravenwood High School	Brentwood	Suzanne Nuccio
9	127	Lassing, Fitz	Montgomery Bell Academy	Nashville	James Shackelford



TENNESSEE MATHEMATICS TEACHERS ASSOCIATION

TMTA Math Contest 2010 Regional Winners

2010 Regional Top Ten Contestants - Algebra I

	Rank	Score	Name	School	City	Teacher
EAST	1	148	Samuels, David L	McCallie	Chattanooga	Cary Hubbard
	2	142	Carroll, Anna S.	Girls' Preparatory School	Chattanooga	Betty Jo Horton
	3	141	Schumacher, Darby K.	Girls' Preparatory School	Chattanooga	Betty Jo Horton
	4	136	Shikoh, Drew A.	McCallie	Chattanooga	Cary Hubbard
	5	134	Mitchell, John P.	Greeneville High School	Greeneville	Susan McNabb
	6	130	Anand, Sajant	Science Hill	Johnson City	Lucinda Carpenter
	7	125	Pels, Taylor K.	Girls' Preparatory School	Chattanooga	Betty Jo Horton
	7	125	Williams, Aliza T.	Girls' Preparatory School	Chattanooga	Betty Jo Horton
	7	125	Jenkins, Rebecca H.	Girls' Preparatory School	Chattanooga	Betty Jo Horton
	10	124	Zhang, Katherine J.	Jefferson Middle School	Oak Ridge	George Aylor

MIDDLE	1	170	Ellingham, Sophia	Martin Luther King	Nashville	Debra Smotherman
	2	161	Li, Gene	Woodland Middle	Brentwood	Kate Hauck
	3	155	Sathe, Aditya	Woodland Middle	Brentwood	Kate Hauck
	4	149	Hays, Matthew	University School	Nashville	Sarah Ice
	5	140	Dean, Christopher	Avery Trace MS	Cookeville	Jason Summers
	6	139	Mitchell, Evan	Station Camp	Gallatin	Shannon Rice
	7	138	Byrd, Alexander	Westmoreland Middle	Westmoreland	Robby Kirkham
	8	134	Daugherty, Josh	The Ensworth	Nashville	Bill Kautzman
	8	134	Wallace, Taylor	Sumner Academy	Gallatin	MacNaughton
	10	132	Byrd, Phillip	Westmoreland Middle	Westmoreland	Robby Kirkham

WEST	1	176	Ouyang, Richard	Memphis University Sch.	Memphis	Loyal Murphy
	2	165	Zhao, Yunhua	Memphis University Sch.	Memphis	Loyal Murphy
	3	156	Villarreal, John	University Sch of Jackson	Jackson	Carla Roach
	4	153	Daniel, Baty	Memphis University Sch.	Memphis	Loyal Murphy
	5	146	Nuako, Akua	University Sch. of Jackson	Jackson	Carla Roach
	6	138	Markos, James	University Sch. of Jackson	Jackson	Carla Roach
	7	135	Dash, Anwesh	White Station M. S.	Memphis	Lisa-Marie Hyman
	8	129	Elsakr, Andrew	Memphis University Sch.	Memphis	Loyal Murphy
	8	129	Shala, Azeez	Memphis University Sch.	Memphis	Loyal Murphy
	10	128	Kanangat, Smriti	White Station MS	Memphis	Lisa-Marie Hyman



TENNESSEE MATHEMATICS TEACHERS ASSOCIATION

TMTA Math Contest 2010 Regional Winners

2010 Regional Top Ten Contestants - Geometry

EAST	Rank	Score	Name	School	City	Teacher
	1	168	Yu, Melissa	Farragut Middle School	Knoxville	Angela Buckman
	2	166	Shen, Larry	Jefferson Middle School	Oak Ridge	George Aylor
	3	153	Wang, Stephen	Science Hill High School	Johnson City	Glenda Conner
	4	152	Bao, Sharon	Farragut High School	Knoxville	Angela Buckman
	5	149	Wintenberg, Andrew	Farragut Middle School	Knoxville	Angela Buckman
	6	148	Darr, Brandon	Sweetwater High School	Sweetwater	Joseph White
	7	146	Hu, Lydia	Farragut High School	Knoxville	Angela Buckman
	8	142	Hellman, Jordan	Oak Ridge High School	Oak Ridge	Karla Mullins
	9	141	Fu, Jason	Farragut Middle School	Knoxville	Angela Buckman
	10	140	Zhang, Craibo	Jefferson Middle School	Oak Ridge	George Aylor

MIDDLE	1	181	Gong, Franklin	Avery Trace MS	Cookeville	Jason Summers
	2	169	Elkelany, Osama	Avery Trace MS	Cookeville	Jason Summers
	3	158	Yang, Karen	Woodland Middle	Brentwood	Linda Conrad
	3	158	Zhang, Shu	Martin Luther King	Nashville	Alton Knight
	5	156	Davis, Jared	Tullahoma High	Tullahoma	Kim Carter
	5	156	Stephens, Matthew	Clarksville Academy	Clarksville	Burden, Dan
	7	151	Hudnut-Beumler, Adam	University School	Nashville	Adnan Rubai
	7	151	Mallipeddi, Tarun	Battle Ground Academy	Franklin	Dawson Gray
	9	150	Jiang, Timothy	Woodland Middle	Brentwood	Linda Conrad
	10	147	Lee, Seung	David Lipscomb High	Nashville	Lynn Preddy

WEST	1	173	Sullivan, Garret	Memphis Univ. Sch.	Memphis	Diana Moore
	2	167	Bindra, Angad	Univ. Sch. Of Jackson	Jackson	Donald Newman
	2	167	Satam, Keyuree	Lausanne Collegiate	Memphis	Jill Damplo
	4	166	Durden, William	Houston H. S.	Germantown	Leigh Packard
	5	157	Lee, Megan	White Station H.S.	Memphis	Teresa Sicola
	6	155	Gayoso, Matthew	Memphis Univ. Sch.	Memphis	Diana Moore
	7	153	Yao, William	Collierville M.S.	Collierville	Shelli Brasher
	8	150	Lamb, William	Memphis Univ. Sch.	Memphis	Diana Moore
	9	146	Armstrong, Rachel	Houston High School	Germantown	Leigh Packard
	10	145	Miller, Michelle	Houston High School	Germantown	Leigh Packard



TENNESSEE MATHEMATICS TEACHERS ASSOCIATION

TMTA Math Contest 2010 Regional Winners

2010 Regional Top Ten Contestants - Algebra II

EAST	Rank	Score	Name	School	City	Teacher
	1	185	Tran, Lam T	Farragut High School	Knoxville	Joshua Holt
	2	180	Lee, Dong	Farragut High School	Knoxville	Joshua Holt
	3	178	McKee, Austin	Greeneville High School	Greeneville	Susan McNabb
	3	178	Kim, James	McCallie School	Chattanooga	Luther Killian
	5	176	Nagy, Peter	Farragut High School	Knoxville	Joshua Holt
	6	175	Seoiyoung, Ahn	McCallie School	Chattanooga	Lance Nickel
	7	169	Viscomi, Brian	McCallie School	Chattanooga	Ross Shumate
	8	168	Krupa, Sebastian	McCallie School	Chattanooga	Ross Shumate
	9	166	Wheeler, Katherine	Oak Ridge High School	Oak Ridge	Elaine Vaughan
	9	166	Chu, Eric	Science Hill High School	Johnson City	Ken Cutlip

MIDDLE	1	200	Nelius, Eric	Tullahoma High	Tullahoma	Amber Charboneau
	1	200	Young, Dylan	University School	Nashville	Cynthia Crenshaw
	3	195	Bu, Tom	Montgomery Bell Academy	Nashville	Maggie Qian
	3	195	Carter, Kaitlin	Merrol Hyde Magnet	Hendersonville	Melissa Perry
	3	195	Ding, Frances	Ravenwood High	Brentwood	Bryan Weaver
	6	190	Tidwell, Hunter	Montgomery Bell Academy	Nashville	Maggie Qian
	7	186	Paul, Austin	Hume-Fogg	Nashville	Kristen Shaffer
	8	185	Emadian, Elliott	Tullahoma High	Tullahoma	Kim Carter
	8	185	Gudibanda, Aditya	Hume-Fogg	Nashville	Kristen Shaffer
	10	181	Feng, Bowen	Hendersonville High	Hendersonville	Betsy Chalenburg
	10	181	Snider, Charlie	Battle Ground Academy	Franklin	Emma McElory

WEST	1	195	Zuo, Daniel	White Station High School	Memphis	Daniel Nowiski
	2	181	Varriano, Louis	White Station High School	Memphis	Susan Campbell
	3	177	Wang, Kevin	White Station High School	Memphis	Susan Campbell
	4	173	Xie, Maria	Lausanne Collegiate	Memphis	John Brewster
	5	172	Fu, Linda	St. Mary's Episcopal	Memphis	Jeff McCalla
	6	170	Dean, Hunter	Collierville High School	Collierville	Pamela Kendall
	6	170	Diaz, Ryan	Christian Brothers H.S.	Memphis	Shawn Morgan
	8	167	Burton, Thomas	Univ. Sch. Of Jackson	Jackson	Donald Newman
	9	166	Orr, Abbey	Univ. Sch. Of Jackson	Jackson	Donald Newman
	10	164	Rivera, Matthew	Briarcrest Christian H.S.	Eads	Annette Hardcastle



TMTA Math Contest 2010 Regional Winners

2010 Regional Top Ten Contestants - Pre-Calculus

EAST	Rank	Score	Name	School	City	Teacher
	1	200	Andress, James M.	Oak Ridge High School	Oak Ridge	Phyllis Hillis
	2	190	Senter, James K.	Oak Ridge High School	Oak Ridge	Phyllis Hillis
	2	190	Zeiser, Michael J.	McCallie School	Chattanooga	Rob Lyons
	4	182	Zhou, Scott N.	Dobyns Bennett	Kingsport	Bethany Hamilton
	5	174	Sneed, Susanna	Maryville High School	Maryville	Ashley Porter
	6	170	Fu, Youyang	Farragut High School	Knoxville	Joshua Holt
	6	170	Dougan, Chris	Dobyns Bennett	Kingsport	Bethany Hamilton
	8	167	Jung, Daniel	Baylor School	Chattanooga	Melanie Davis
	9	166	Akers, Isaac	McCallie School	Chattanooga	Lance Nickel
	9	166	Foust, Benjamin	Oak Ridge High School	Oak Ridge	Phyllis Hillis
	9	166	Zhang, Larry	Farragut High School	Knoxville	Joshua Holt
	9	166	Fathy, Ramie	Farragut High School	Knoxville	Joshua Holt
	9	166	Walker, Cory	Baylor School	Chattanooga	Melanie Davis

MIDDLE	1	195	Fan, David	Hume-Fogg	Nashville	Kristen Shaffer
	2	190	Allen, Brian	Siegel High	Murfreesboro	John Dusenberry
	2	190	Arildsen, Mark	University School	Nashville	Debbie Davies
	2	190	Gu, Jiahe	Martin Luther King	Nashville	Elizabeth Petty
	2	190	Hohne, Erica	Tullahoma High	Tullahoma	Frank Vanzant
	2	190	Knowles, William	University School	Nashville	Debbie Davies
	2	190	Miller, Brandon	Tullahoma High	Tullahoma	Frank Vanzant
	2	190	Scherrer Joe	Montgomery Bell Academy	Nashville	John Lanier
	9	185	Ratliff, Hunter	Tullahoma High	Tullahoma	Frank Vanzant
	10	181	Lee, Joohun	Franklin High School	Nashville	Lauri Sims

WEST	1	200	Goldstein, Eli	Memphis Univ. Sch.	Memphis	Nancy Gates
	2	195	DeMaio, Andrew	Evangelical Christian	Cordova	Preston Bryant
	2	195	Hoang, Lawrence	White Station H.S.	Memphis	Rebecca Newman
	4	190	Brockwell, William	Arlington H.S.	Arlington	David Offerle
	4	190	Geiger, Jacob	White Station H.S.	Memphis	Rebecca Newman
	6	185	Jones, Wesley	Houston H.S.	Germantown	Ben Cook
	7	173	Neblett, Harrison	Briarcrest Christian H.S.	Eads	Hanley Hasseltine
	8	170	Dohan, David	White Station H.S.	Memphis	Rebecca Newman
	8	170	Luttman, Melissa	St. Mary's Episcopal	Memphis	Sandra Halfacre
	10	168	Smith, Colin	Collierville H.S.	Collierville	Melissa Renshaw



TENNESSEE MATHEMATICS TEACHERS ASSOCIATION

TMTA Math Contest 2010 Regional Winners

2010 Regional Top Ten Contestants - Calculus and Advanced Topics

EAST	Rank	Score	Name	School	City	Teacher
	1	196	Zhang, Leon	Oak Ridge High School	Oak Ridge	Benita Albert
	2	163	Yiwei, Li	Oak Ridge High School	Oak Ridge	Benita Albert
	3	159	Tae, Patrick	Oak Ridge High School	Oak Ridge	Benita Albert
	4	157	Hanson, Andrew	Farragut High School	Knoxville	Wanda Lacy
	5	155	Walker, Katherine	Oak Ridge High School	Oak Ridge	Benita Albert
	6	154	Cooksey, Tyler	Oak Ridge High School	Oak Ridge	Benita Albert
	7	152	Jain, Yajit	Oak Ridge High School	Oak Ridge	Benita Albert
	8	151	Worley, Sam	Oak Ridge High School	Oak Ridge	Benita Albert
	8	151	Park, Jemin	Farragut High School	Knoxville	Wanda Lacy
	8	151	Garcia, Carlos	Farragut High School	Knoxville	Wanda Lacy

MIDDLE	1	188	Brumfield, Allison	Tullahoma High	Tullahoma	Frank Vanzant
	2	182	Crouch, Anna	Tullahoma High	Tullahoma	Frank Vanzant
	3	178	Miller, Justin	Tullahoma High	Tullahoma	Frank Vanzant
	4	177	Ball, Ian	University School	Nashville	Simone Bova
	5	173	Carter, Ryan	Tullahoma High	Tullahoma	Frank Vanzant
	6	172	Singh, Shashank	University School	Nashville	Akram Aldroubi
	7	170	Khim, Justin	University School	Nashville	Akram Aldroubi
	7	170	Boothby, Ian	Hume-Fogg	Nashville	Karen Boles
	9	163	Fox, Michael	Franklin High School	Franklin	Tracy Harmon
	10	161	Taylor, Christopher	The Ensworth	Nashville	Joseph Brady

WEST	1	173	Cuddy, Kevin	Collierville H.S.	Collierville	Harry Justus
	2	161	Harriman, Chase	Memphis Univ. Sch.	Memphis	Nancy Gates
	3	156	Feler, Josh	Memphis Univ. Sch.	Memphis	Steve Gadbois
	4	154	Guyton, Arthur	Memphis Univ. Sch.	Memphis	Nancy Gates
	5	153	Devan, Steven	Collierville H.S.	Collierville	Harry Justus
	6	151	Garrett, Daniel	Memphis Univ. Sch.	Memphis	Nancy Gates
	7	150	Wang, Joshua	White Station H.S.	Memphis	Rebecca Newman
	8	146	Nguyen, Phuong	North Side H.S.	Jackson	Melanie Holt
	9	144	Li, Minghao	Collierville H.S.	Collierville	Harry Justus
	10	142	Sanders, William	Memphis Univ. Sch.	Memphis	Nancy Gates
	10	142	Stuart, Rachel	St. Mary's Episcopal	Memphis	Sandra Halfacre



TMTA Math Contest 2010 Regional Winners

2010 Regional Top Ten Contestants - Statistics

	Rank	Score	Name	School	City	Teacher
EAST	1	195	Robinson, Joseph	Maryville High School	Maryville	Nate Lee
	2	191	Bottorff, Mary	Farragut Hight School	Knoxville	Angela Buckman
	2	191	Oreskovic, Amy	Dobyns-Bennett	Kingsport	Brian Tate
	2	191	Schulson, Leah	Baylor School	Chattanooga	Marti Wayland
	5	186	Sharpe, John	Oak Ridge High School	Oak Ridge	Mike Gilliam
	5	186	Bilotti, Joe	Morristown West High School	Morristown	Scott Bolton
	7	185	Herold, John	Morristown West High School	Morristown	Scott Bolton
	8	182	Bast, Ellen	Oak Ridge High School	Oak Ridge	Mike Gilliam
	9	180	Calloway, Bryan	Maryville High School	Maryville	Nate Lee
	10	177	Carmichael, Tandy	Karns High School	Knoxville	Alice Carson
	10	177	McKelvey, Clinton	Maryville High School	Maryville	Nate Lee
MIDDLE	1	200	Sastry, Karthik	Montgomery Bell Academy	Nashville	James Shackelford
	2	192	Schlunk, Siegfried	Brentwood High School	Brentwood	Jerry Stelmaszak
	3	191	Delbridge, Ian	Siegel High	Murfreesboro	Amber Matuszewski
	3	191	Ford, Jere	Brentwood High School	Brentwood	Jerry Stelmaszak
	3	191	Gadd Eli	Ravenwood High	Brentwood	Suzanne Nuccio
	3	191	Galbraith, Aubrey	Brentwood High School	Brentwood	Jerry Stelmaszak
	3	191	Qu, David	Siegel High	Murfreesboro	Amber Matuszewski
	8	190	Pervaje Amulya	Ravenwood High	Brentwood	Suzanne Nuccio
	8	190	Wieber, Robert	Pope John Paul II	Hendersonville	Bryan White
	10	186	Doochin, Thomas	The Ensworth	Nashville	Sharon Glenn
	10	186	Manley, Melissa	Martin Luther King	Nashville	Stella Himmelreich
	10	186	Richardson, Neal	University School	Nashville	Deborah Davies
	10	186	Xu, Linda	Franklin High School	Franklin	Mellisa Smith
WEST	1	190	Snider, Sam	White Station H.S.	Memphis	Susan Campbell
	2	185	Ajmera, Sonia	White Station H.S.	Memphis	Susan Campbell
	3	176	Joshi, Ashwini	White Station H.S.	Memphis	Susan Campbell
	4	171	Conroy, Jake	St. Bennedict at Auburndale	Cordova	Donald Madeksho
	4	171	Wiley, Jacob	St. Bennedict at Auburndale	Cordova	Donald Madeksho
	6	168	Sullivan, Sean	Houston H. S.	Germantown	Robert Roberts
	7	167	Boal, Nicholas	Houston H. S.	Germantown	Robert Roberts
	7	167	Monteverde, Kyle	Houston H. S.	Germantown	Robert Roberts
	9	163	Evans, Will	Memphis Univ. School	Memphis	Darin Clift
	10	162	Kang, Yulia	Collierville H.S.	Collierville	Matthew Holmes

TMTA Math Contest 2010: Statistics

2010 School Participation

	Schools Eligible	Schools Entered	Participation Percentage
East	183	53	28.96%
Middle	101	76	75.25%
West	211	58	27.49%
TENN	495	187	37.78%

Honor Roll of Teachers 1976 - 2010

Teacher	Region	Top 3	Top 10
Benita Albert	East	21	47
Donald Newman	West	27	44
Frank Vanzant	Middle	10	40
Dan Burden	Middle	37	35
Harold T. Knight	Middle	25	35
Grace Mutz	East	17	30
Christina Warner	West	6	30
Nancy Gates	West	18	25
Lynda Wagster	Middle	8	25
Jack Carr	East	19	23

Student Participation

	Algebra I	Geometry	Algebra II	Pre-Calculus	Calculus / Adv Topics	Statistics	Total	Percent
East	331	375	313	278	279	87	1663	32.54%
Middle	376	431	368	369	361	155	2060	40.31%
West	281	321	268	244	231	42	1387	27.14%
TENN	988	1127	949	891	871	284	5110	100.0%

Mean Score for Each Region's TOP TEN

	Algebra I	Geometry	Algebra II	Pre-Calculus	Calculus / Adv Topics	Statistics
East	133.00	150.50	174.10	174.85	158.90	185.55
Middle	145.20	157.70	190.27	189.10	173.40	190.08
West	145.50	157.90	173.50	183.60	152.00	172.00
TENN	157.90	167.30	191.91	192.19	177.90	192.19

Historical Data - Number of Students Participating since 2000

Year	Algebra I	Geometry	Algebra II	Pre-Calc.	Calculus	Statistics	Total	% Change
2010	988	1127	949	891	871	284	5110	-0.14%
2009	1045	1094	1013	868	837	260	5117	0.14%
2008	988	1127	949	891	871	284	5110	7.20%
2007	1016	977	922	833	802	217	4767	-6.88%
2006	1104	1076	1057	880	764	238	5119	-4.55%
2005	1176	1071	1142	930	836	208	5363	-1.87%
2004	1197	1178	1134	941	825	190	5465	19.77%
2003	1032	972	930	806	677	146	4563	-9.86%
2002	1119	1101	1015	871	811	145	5062	5.59%
2001	1059	1019	993	919	804		4794	5.13%
2000	1090	935	958	824	753		4560	
...								
1967	1157	904	940	727			3728	

A Special Thanks to our Sponsors

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Thank you!!