

ATMNE NEWSLETTER

ATMIM ∞ ATOMIC ∞ ATOMIM ∞ NHTM ∞ RIMTA ∞ VCTM

President's Message

Cynthia Hillman-Forbush



The rolling hills and wonderful mountains of Killington, Vermont were the setting for The Association of Teachers of Mathematics in New England fall conference at the Killington Grand Resort on October 24-25, 2013.

Jason Zimba, lead author of the Common Core State Standards in Mathematics and a Founding Principal of Student Achievement Partners and was the keynote speaker. He provided an author's perspective to the Common Core State Standards and introduced www.achievethecore.org as a great resource for free materials to support Common Core implementation.

The two day conference was well received by approximately 375 attendees. With over 60 sessions, educators were provided with a rich opportunity to develop professionally and network with other educators from throughout New England. Attendees were able to return home with new insights and resources to share with their colleagues in mathematics education along with new strategies and activities to use with their students to promote conceptual understanding and interest in mathematics.

Congratulations to Dr. Kenneth Gross who was the recipient of the Rev. Stanley J. Bezuska, S.J. Lifetime Service Award for Mathematic Teaching and Learning. Dr. Gross has dedicated his career to service to mathematics teachers. He has contributed over forty years of research, teaching, and administration at both public and private universities and the National Science Foundation.

In a summary of his career he states, "The overarching philosophy that characterizes my professional life as a mathematician and educator is the seamless intertwining of my interests in mathematical research and scholarship, education at all levels, academic administration, and outreach into the community." And, with respect to teaching he states, "As to my own teaching, perhaps it will suffice to say that many of my past students are now my close personal friends. In general, I cannot imagine a more enjoyable or satisfying professional career." Congratulations Dr. Gross

Thanks to Tim Whiteford, PhD, St. Michael's College, for his insightful presentation as this years' Richard H. Balomenos Memorial Lecturer. The focus of his talk was "Maths: the Science of Pattern and the Art of Making Sense". He helped all of those present 'make sense' of pennies, patterning and so much more!

President's Message continued on page 2.

President's Message continued from page 1.

There are so many local initiatives happening in each of the state affiliates. It is exciting to see our educators coming together to support Common Core implementation. Take the time to become active in your local affiliate, if you are not already. Attend the state conferences and workshops. Keep turning to each other as you continue to learn and grow.

As a reminder there will not be an ATMNE Fall Conference next year but instead we look forward to seeing you in Boston in April 2015 for the NCTM National Conference.



Do you notice the **gold** border around certain pictures? That is a new feature to the ATMNE newsletter. The **gold** border lets you know that you can click on the picture to get more information.

Go ahead and click it!

Future Conferences

AMTE	February 6-8, 2014	Irvine, CA
NHTM	March 17th	NHTI in Concord.
NCSM	April 7-9, 2014	New Orleans, LA
NCTM	April 9-12, 2014	New Orleans, LA



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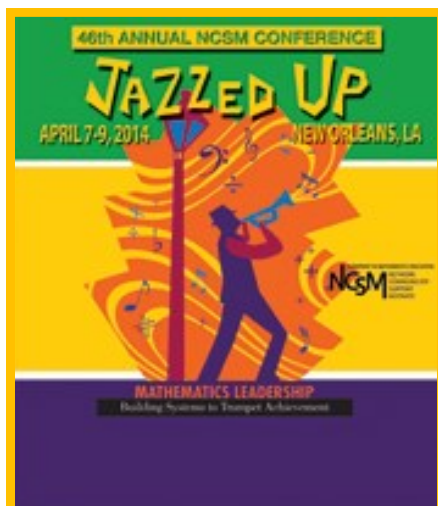


Vermont Council of Teachers of Mathematics

The major focus for VCTM this year is planning for the ATMNE Fall Conference to be held in Killington, Vermont on October 24th and 25th. The committees have met several times and are making steady progress on planning and logistics. The deadline for speaker proposals was May 20th. The program committee will be meeting at Killington in early June. Having members of other ATMNE affiliates on the various committees has been very helpful.

In early October, VCTM held their annual meeting at the Windjammer Restaurant in South Burlington, Vermont. Our guest speaker was Michael Hock who is Director of Assessment for the Vermont State Agency of Education to share information on the Smarter Balanced Assessment Consortium. There was a glitch in scheduling so Michael was unable to attend. A second date was scheduled in December where he did share information about the decisions that had been made thus far in designing the assessments and explained there would be opportunities this spring to do some pilot testing in Vermont schools.

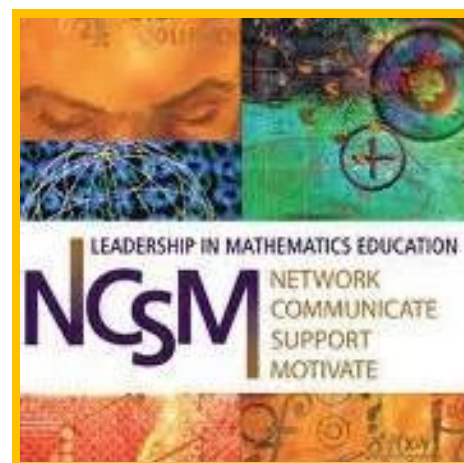
Recently, VCTM created a new website which is now located at www.vermontmath.org. The site currently has basic information and will expand as time passes. Members are encouraged to send ideas of what they would like to see available on the site.



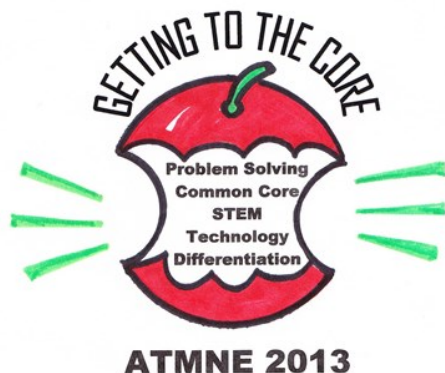
**National Conference
Supervisors in
Mathematics**

**Annual Conference
New Orleans**

April 7-9, 2014



ATMNE 2013 Conference Update



Killington, Vermont was recently the gathering spot for our New England math teachers as over 350 participants and presenters headed to the mountain to participate in the Association for Teachers of Mathematics in New England Fall Conference, "Getting to the Core."

Tall mountains, some snow covered ski trails, and brisk weather got us in the mood for hearing from colleagues from throughout the New England area as we prepared for the next changes in mathematics instruction and assessment.

Not surprisingly, we were treated to some early snow at the hotel on Thursday evening October 24th, which thankfully melted for the drive home on Friday, October 25th!

Conference Overview

During the conference, which was focused on the Common Core State Standards for Mathematics (CCSSM), we were fortunate to hear Jason Zimba, a lead writer of the CCSSM and founding principal of the Student Achievement Partners.

Jason focused on the major changes in mathematics instruction through the lenses of both the mathematical practices and the content standards. He shared how the depth of knowledge and expectations for our students and us as practioners will be more rigorous as we move to the CCSSM in our mathematics instruction.



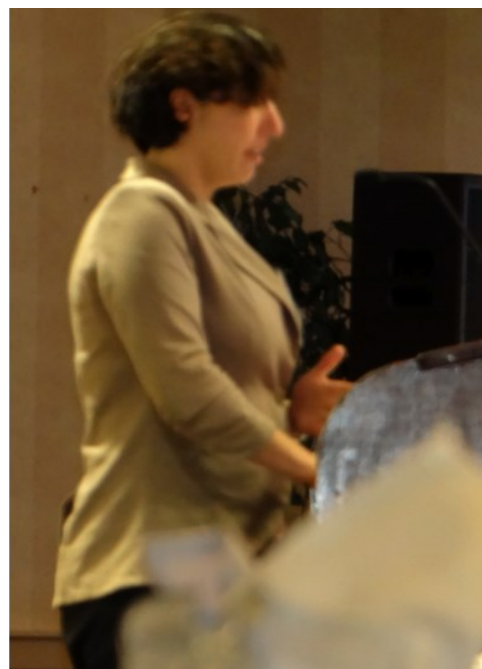
Jason Zimba speaks about the Common Core State Standards

Conference Continued page 5

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The aim of Friday's morning session was to have an opportunity to hear from the two assessment consortia, Smarter Balance Assessment Consortia (SBAC) and the Partnership for Assessment of College and Career Readiness (PARCC).

Our New England states will be using both of these assessment platforms as we move to these assessments in the spring of 2015. Haley Freeman represented PARCC while Michelle Mailhot stepped in for Shelbi Cole for SBAC.



Haley Freeman shares about the PARCC assessment .

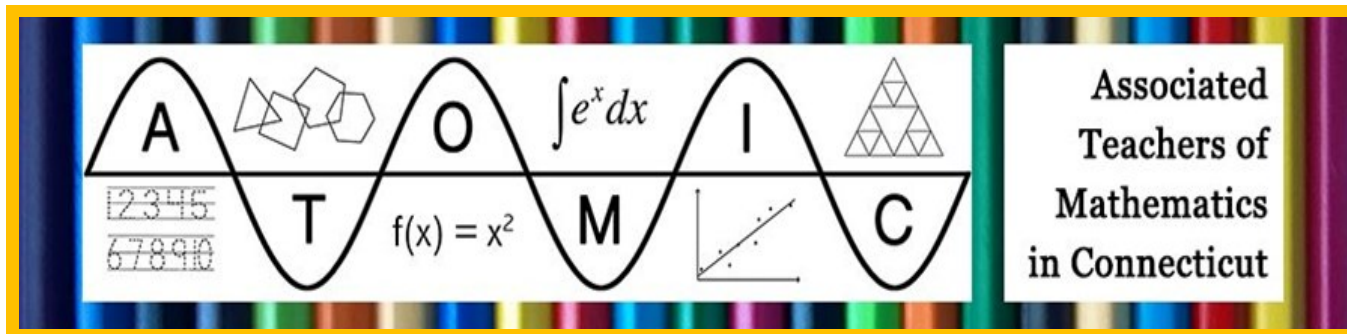


Both presented an overview of the assessment systems and then met in smaller groups to answer the many questions that abound as we focus on the changes before us with the CCSSM and measuring student performance and progress.

ATMNE would like to thank all the presenters, participants, attendees, exhibitors and volunteers for their help in making another successful conference.

There will be no Fall 2014 ATMNE conference in preparation of the 2015 National NCTM conference which will be held in Boston. Please support your local affiliate conferences to access the latest in mathematics professional development.

Michele Mailhot shares information about SBAC.



ATOMIC's new website continues to be a conduit for the latest information available from the nation regarding CCSS. Our members are able to access professional development from throughout the region and the reciprocal relationship that we share with the several professional organizations in the state.

On May 16, 2013, ATOMIC hosted over 200 members at a Dine & Discuss entitled: Getting to the Core of SBAC Assessment – An evening with Dr. Shelbi Cole. Dr. Shelbi Cole, the director of mathematics for the Smarter Balanced Assessment Consortium, presented the most recent information about SBAC assessment and the impact on math instruction for Connecticut teachers.

ATOMIC held our annual conference on Tuesday, December 3, 2013 with Linda Gojak, NCTM President, delivering the keynote address: Putting the Mathematical Practices. Ms. Gojak shared practical ideas and NCTM resources to make the instructional shifts needed.



Over 350 members attended the conference which focused on bringing the Common Core State Standards into the classroom and featured K-12 lessons, which can be shared with students the next day. ATOMIC honored two members for their dedication to mathematics education. The Robert Rosenbaum award was presented to Albina Canavaciola and the Mari Muri award was presented to Stacey Daly.



Make sure to like us on Facebook and follow us on Twitter (ATOMICMathCT).

Submitted by Lorrie Quirk – President

ATMNE Fall Conference Balomenos Memorial Lecture



This year's guest lecturer for the Richard H. Balomenos Memorial Lecture was Dr. Timothy Whiteford from St. Michaels College in Colchester, Vermont.

Dr. Whiteford is math educator at the college in the education department. He presented his lecture, Maths: The Science of Pattern and the Art of Making Sense, on Thursday afternoon

Dr. Whiteford shared many examples of how children develop their understanding of math and how often their misconceptions must be corrected before they develop a strong foundational knowledge upon which to build a deeper understanding of mathematics.

His examples came from years of experience working with English language learners and children with learning disabilities.

We were pleased to honor Dr. Whiteford with this award.



Dr. Timothy Whiteford – Balomenos Lecturer and Mary Calder, ATMNE 2013 Co-Chair and VCTM President

Balomenos Memorial Lecture Information

A committee consisting of the ATMNE President, the ATMNE President-Elect or the Past President, and the Conference Chair will submit two names to the ATMNE Board at the ATMNE Board spring meeting for consideration. A vote by the ATMNE Board will determine the lecturer for that upcoming conference.

For former honorees visit the [ATMNE](#) website.

ATMNE Fall Conference

Rev. Stanley J. Bezuszkza Lifetime Award



Steve Yurek, ATMNE President – Elect congratulates Dr. Kenneth Gross upon receiving the Stanley J. Bezuszkz, S. J. Lifetime Service Award for Mathematics Teaching and Learning.

ATMNE was pleased to be able to recognize Dr. Gross with this award, which is known with affection as the “Father B Award.”

Starting in 2008, ATMNE has given the Rev. Stanley J. Bezuszkza, S. J. Lifetime Service Award for Mathematics Teaching and Learning. This year the award was given to Dr. Kenneth Gross of the University of Vermont.

Dr. Gross is one of the founders of the Vermont Mathematics Initiative (VMI) through which he and his cadre of math teachers and professors have impacted the growth of mathematical content knowledge in more than 400 elementary and middle school teachers from 90% of the school districts in Vermont.

Additionally, he has been instrumental in starting similar programs in eight other states, which in turn has boosted the effectiveness of math teachers throughout the country.



Dr. Kenneth Gross accepts the “Father B Award” and shares remarks at the breakfast meeting of the ATMNE 2013 Fall Conference: “Getting to the Core.”

ATMNE BUSINESS MANAGER'S REPORT

By Karen Graham

Affiliate Membership

ATOMIC	628 (updated May, 2012)
NHTM	437 (updated April, 2013)
RIMTA	211 (updated June, 2013)
ATMIM	325 (updated October, 2013)
ATOMIM	475 (updated 2013)
<u>VCTM</u>	<u>92</u> (updated April, 2013)
TOTAL	2168

TOTAL: 2102

Nominations

Needed for the Rev. Bezuska Lifetime Service Award



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The Rev. Stanley J. Bezuska, S.J. Lifetime Service Award for Mathematics Teaching and Learning is given annually by ATMNE to an individual that has a large impact on mathematics education within the ATMNE region and beyond. The criteria for the award are:

- Career dedicated to service to mathematics education
- Significant contributions to mathematics education
- Service over and above job responsibilities
- Contributions to ATMNE
- Contributions to the local affiliate
- Involvement in conferences locally, regionally, nationally (presentations, committee work, etc.)

Nominations for this award are due March 31, 2014. For information about nominating an individual, please visit www.atmne.net.



Rhode Island Mathematics Teachers Association

What an amazing year for the Rhode Island Mathematics Teachers Association! The RIMTA Board propelled a desire to support teachers in their implementation of the Common Core State Standards in

Mathematics into an incredible, year-long professional development program called the RIMTA Rhode Show.

The Rhode Show provided:

- A fall kick-off dinner meeting focused on the Standards for Mathematical Practice
- 36 workshops covering 4 grade spans, 3 topics for each grade span, and 3 different locations offered for each presentation/topic
- A spring dinner meeting focused on Delving into the Content and Practice Standards for PARCC and Daily Instruction
- Over \$2000 in professional resources distributed as door prizes at these various events
- Professional development for over 200 participants, many of whom participated in multiple workshops.

This complex offering of professional development and Common Core instructional support is helping RIMTA develop future leaders in the organization and become a go-to resource in the state.

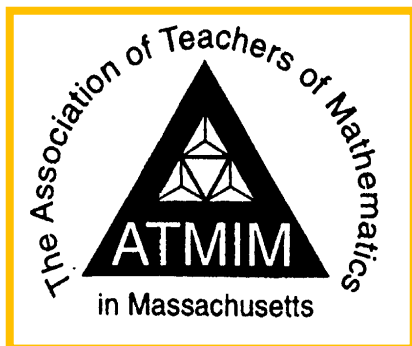
RIMTA also partnered with Rhode Island STEM Center, Boston College and Rutgers University on March 16th at Rhode Island College to support their 12th Annual Conference for K-12 Mathematics Teachers (formerly known as the Discrete Math Conference at Boston College). What an exciting collaboration!

This was an incredible undertaking, well beyond our typical two meetings per year. As we look toward next year, teachers are already asking what we are planning next. We are excitedly looking to continue developing our role supporting math instruction in the state, but know it won't have quite as big of a scope as this year's plan!

We are definitely sending a team to the NCTM Affiliate Leaders conference again and have also decided to send one teacher to each of the NCTM Interactive Institutes this summer to bring back materials and ideas for next year's RIMTA professional development.

Affiliate Web Sites

Associated Teachers Of Mathematics In Connecticut (ATOMIC)	www.atomicmath.org
Association of Teachers Of Mathematics In Maine (ATOMIM)	http://atomim.net
Association of Teachers of Mathematics In Massachusetts (ATMIM)	http://www.atmim.net
New Hampshire Teachers of Mathematics (NHTM)	http://www.nhmathteachers.org
Rhode Island Mathematics Teachers Association (RIMTA)	http://www.rimta.net
Vermont Council of Teachers of Mathematics (VCTM)	http://www.vtmath.org



The Association of Teachers of Mathematics in Massachusetts

Submitted by Steven Rattendi

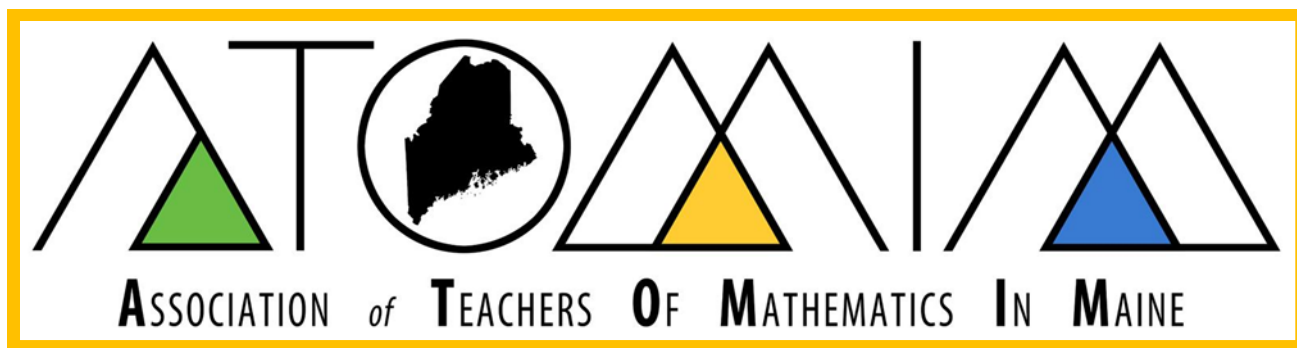
This summer, ATMIM welcomed two newly elected members to its Board of Directors and shuffled around some board positions. Joining the board is Sherri Flecca and Alison Mello. Sherri is currently working as a middle school mathematics Coach at Brown Middle School and Oak Hill Middle School in Newton, MA. Alison is the K-8 Math and Science Coordinator for Foxborough Public Schools in Foxborough, MA. Sherri and Alison will be co-chairing our student scholarship committee. Current board member Nancy Johnson will be co-chairing our Spring Conference with Steve Yurek, Past-President. Susan Weiss will shift to the position of NCTM Representative for ATMIM. Neelia Jackson has been appointed to the position of Liaison to Post-Secondary Education Programs with the hope of promoting stronger ties between ATMIM and those institutions that prepare educators for the classroom.

Earlier in the summer two Board Members Don Cameron, President-Elect, and Kaitlyn Aspell, Hospitality Chair and conference registrar, attended the NCTM Affiliate Leaders Conference bringing back a renewed vision for how to spread the word about ATMIM to the educators of Massachusetts. This prompted the revamping of duties for our Publicity Chair position. Mark Healy will assume this role with the primary responsibility of promoting ATMIM and sharing mathematics education resources with our membership via social media. Join ATMIM on Facebook and Twitter – links available on www.atmim.net. Mark will also be organizing updates via email for our membership including information on upcoming events of interest and links to resources and articles relevant to mathematics education. Mark is accepting suggestions and ideas for this email update.

Following with tradition, ATMIM's Winter Conference will be held at Boston College. Join us for some mathematical learning, great conversations, and good food in the late afternoon and into the evening of Thursday, January 9, 2014. Conference Co-Chairs Don Cameron and Steven Rattendi hope you will join us!

Following successes over the last few years, Mark Healy is busily planning this year's Dine and Discuss Series which will focus on implementing the Common Core in the classroom. This year ATMIM hopes to create workshop sessions that can be brought to at least three locations in Massachusetts. More information including dates and locations will be available soon.

Finally, planning for ATMIM's Spring Conference is well underway. For the second year in a row, ATMIM will hold this conference on a Saturday in March at a local high school.



Greetings from the Great State of Maine!

We are thrilled to report that our current membership is 482.

Since our last report to ATMNE in the spring, the ATOMIM board has been hard at work designing professional learning opportunities for our members and expanding the usefulness of our website as a resource for our members. We continue to add to our web page of resources for math educators.

Dine and Discuss Series 2014

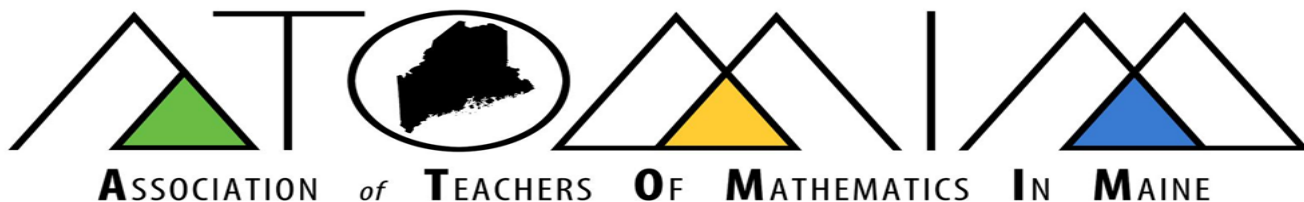
Keeping the Common in Common Core: A Developmental Understanding of Fraction

ATOMIM has a proud tradition of offering dine and discuss sessions and this year is no exception. This year, we will continue with a two part series focused on the developmental progression of fraction understanding, in keeping with our theme of “Be Rational, Get Real.” These sessions will be held in our 6 ATOMIM districts: Calais, Kennebunk, Limestone, Auburn, Pittsfield, Portland, and Rockland. Although sessions are still in the planning stages, we will provide some time for task analysis, a look at progression charts, and discussion about the ways students best learn about fractions as reflected in the CCSSM. All sessions will be led by teams of ATOMIM board members who will take care of meeting logistics and facilitation of the conversations. Register today at atomim.org.

Spring Conference Leaders’ Pre-Session

We will again provide a Leaders and Administrators Pre-Session evening to our Spring Conference. Linda Gojak, [NCTM](http://nctm.org) President and Christopher Danielson, aka Triangleman (blogs at: “[Overthinking My Teaching](http://overthinkingmyteaching.com)”) will be our keynote speakers and will both attend the Pre-Session. We are very excited to have these two available to meet with Maine teachers and administrators to discuss what great classroom action looks like. We will provide attendees with copies of the *PRIME Leadership Framework* (from NCSM) and *Administrator’s Guide: Interpreting the Common Core State Standards to Improve Mathematics Education* (from NCTM), through the support of our ATMNE grant.

(continued on page 17)



ATOMIM Report (Continued)

ATOMIM Spring Conference

Our ATOMIM Spring Conference is planned for April 4, 2013. Again, the University of Maine, Augusta is generously donating their space. Our theme is Be Rational, Get Real and our keynote speakers are Linda Gojak and Christopher Danielson. Go to atomim.org to submit your presentation proposal today.

ATOMIM Book Study: *Five Practices for Orchestrating Productive Mathematics Discussions* by Smith & Stein

January to April

Plans are in the works to provide another online book study. Last year was very successful and our members are looking forward to another opportunity to participate in online professional development. We are grateful to ATMNE for the grant that got us started. Registration is open, so sign up today at atomim.org.

NCTM Affiliate Leaders' Conference 2013



Our work and accomplishments as an organization this year are the direct result of ATOMIM and ATMNE support for sending board members to the Affiliate Leaders' Conference held in Annapolis in 2013. The conference gave opportunity for action planning for the coming year and for revisiting our skills as leaders in mathematics education. For the past several years, the ATOMIM attendees have used the time to build the agenda for our 2 day summer strategic planning retreat for the ATOMIM board. We are grateful for the support of ATMNE for covering travel for three of our board members this year. This learning opportunity, coupled with an amazing group of dedicated board members of ATOMIM has helped us to achieve great things for the mathematics educators of Maine.

Respectfully submitted,

Pamela Rawson, ATOMIM President,

Donna Hardt, ATMNE Rep,

and Shawn Towle, ATOMIM Past-President



New Hampshire Teachers of Mathematics

NHTM sent three of its Board members to the NCTM Affiliate Leaders Conference this past July in Annapolis, Maryland. Cecile Carlton (President-Elect), Katrina Hall (Middle Level Representative), and Andrea Drake (Secretary) used their time to develop a strategic plan to help increase membership and improve relationships with the post-secondary institutions in the state.

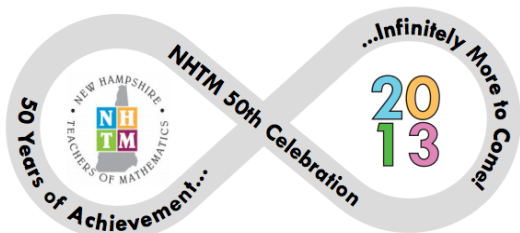
NHTM appreciates the support it receives from ATMNE to allow its members to take advantage of such a wonderful opportunity.

NHTM will be hosting another Fall Dine and Discuss on November 12th from 4:30 pm to 7:45 pm at the Holiday Inn in Concord. The theme of the event will be "Formative Assessment: What it is & What it is Not". Judi Keeley will be the keynote speaker. Judi, presently working as a math consultant, is the former state supervisor of mathematics for the Rhode Island Department of Education and is working on the Mathematics Assessment Project through the Shell Centre. The keynote will be followed by dinner and K-4, 5-8, and high school grade-level breakout explorations. NHTM Board members will facilitate the grade-level breakout sessions.

The NHTM 50th Celebration continues! Beautiful weather accompanied several NHTM members and friends from around the state as they enjoyed an hour and a half luncheon cruise on beautiful Lake Sunapee. This event which held on September 29th was the latest in continuing plans to celebrate our 50th year as an organization. A bus trip to visit the Museum of Mathematics in NYC has been discussed as a possible January event. NHTM will be holding its 51st Spring Conference on March 17th at NHTI in Concord. The theme of the conference will be "Leading Us to the Pot of Gold – The Standards for Mathematical Practice". NHTM supported two of its Board members to attend NCTM's Middle/Secondary Institute this past summer. NHTM's Secondary Representative Michelle Fox attended the secondary institute and

Membership Chair Gretchen Scruton attended the middle school institute. Both Michelle and Gretchen will be presenting at the state or regional level about what they took away from the institutes. NHTM President Greg Superchi was one of the facilitators at the institute.

NHTM held its annual summer retreat on August 16th at the home of Betty Erickson on Otter Brook Pond



Professional Development Resources

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May 2012

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