46th Annual Conference

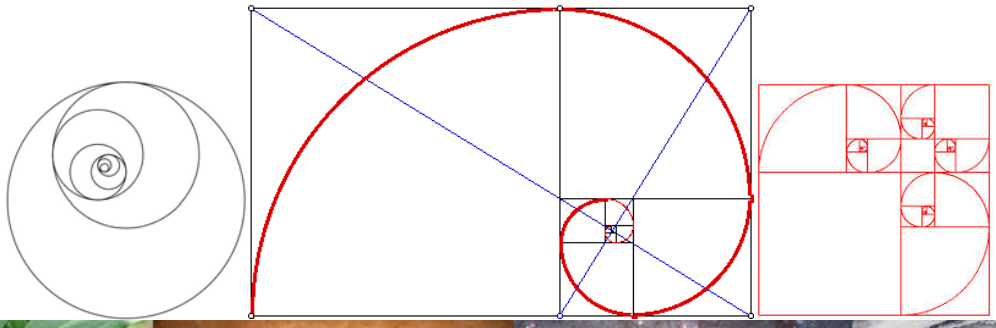
New York State Mathematics Association of Two-Year Colleges

NYSMATYC

1967

EVERYTHING YOU CAN IMAGINE IS REAL

- A. Einstein



Glens Falls, NY
April 12—14, 2013

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Acknowledgements

The Executive Board of NYSMATYC wishes to thank the following people, colleges, companies, and organizations for supporting this conference and for supporting NYSMATYC throughout the year with services and/or sponsorship of events:

Kim Saheim and the Staff at the **Queensbury Hotel**, Glens Falls, NY

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Nassau Community College

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AMATYC

Dianna Cichocki, University at Buffalo, NYSMATYC IGNITE and Game Night Coordinator
Jane-Marie Wright, Suffolk Community College, NYSMATYC Craft Night Coordinator
Larry Danforth, Jefferson Community College, NYSMATYC Estimation Run Coordinator
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Dr. Jim Matthews, Siena College
Dr. Steve Kahn, Wayne State University
NYSMATYC Past Presidents
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For their generous contributions to the NYSMATYC Scholarship Fund

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Conference Presenters • Conference Presiders • Conference Attendees
For their continuous support and enthusiasm in Mathematics and our organization

Message from the President Elect

Welcome to the 46th Annual NYSMATYC Conference in Glens Falls, NY, where "Everything You Can Imagine Is Real!" We have a great variety of talks, and I am confident that you will enjoy attending those and sharing your ideas on techniques and pedagogy in Mathematics.

Below you will find some **Conference Highlights** you may not want to miss:

- Three KEYNOTE ADDRESSES are scheduled in the Ballroom as follows:
  Friday 8:00pm: Dr. Maria Mercedes Franco will share with us her visions on
  Reimagining the Learning: Making Mathematics Real
  Saturday 1:20pm: Dr. Jim Matthews will intrigue us with a discussion on
  Trains, Rice, and Lockers: Imagine the Mathematical Connection
  Saturday 8:15pm: Dr. Steve Kahn will discuss his dreams and accomplishments on
  Believing in the Greatness of Students – and Concurring Algebra
  More information on our keynote speakers is included in this program
- A short AMATYC PRESENTATION will be provided on **Friday at 8:00 pm** in the Ballroom
- The 1st NYSMATYC IGNITE event is on **Friday at 9:00 pm** in Adirondack East
- ESTIMATION RUN participants will meet in the Lobby on **Saturday at 6:00 am**
- Three COMMERCIAL PRESENTATIONS are scheduled on **Saturday morning**
- Our annual BUSINESS MEETING is scheduled on **Saturday 11:35-12:25** in Adirondack East; at the meeting, we will RAFFLE two NYSMATYC and one AMATYC conference registrations.
- A ROUNDTABLE DISCUSSION on the SUNY Seamless Transfer will be held on **Saturday 5:00—5:30** pm in Adirondack East
- Chat and mingle during our cash bar COCKTAIL HOUR on **Saturday after 5:00 pm** in the Gold Room
- **Saturday night** is GAME NIGHT in Adirondack East or CRAFT NIGHT in the Board Room; both events start around **9:15 pm**
- Finally, don't forget to visit with our vendors on **Friday and Saturday** in the Gold Room; this year's representatives are:
  CENGAGE LEARNING—Rochelle Beatty, PhD; Jerry O'Malley
  HAWKES LEARNING—Jennifer Moore
  LEARNING EXPRESS—Tom Porter
  MAPLESOFT—Louise Krmpotic, Kim Koserski
  PEARSON—Kathy Campbell, Sara Ouellette, Jess Cipperly
  SMARTHINKING—Ed Moravec
  TEXAS INSTRUMENTS—Tammy Casey, Robyn Poulsen

Pease remember to **recycle your name tag holder** and fill out the **Conference Evaluation Form;** you may return both of them to the registration table. We are working very hard to improve this event, and your feedback is greatly appreciated. Thank you for supporting NYSMATYC, and I hope you enjoy the conference.

Sophia Georgiakaki
Tompkins Cortland Community College

GUEST SPEAKERS

Friday, April 12, 2013, 8:00pm, Ballroom
Reimagining the Learning: Making Mathematics Real

Dr. Maria Mercedes Franco *is an Associate Professor of Mathematics and Computer Science in Queensborough Community College (QCC) - The City University of New York. She received her Ph.D. in Applied Mathematics from Cornell University in August 2005. She also holds a M.S. in Applied Mathematics from Cornell University, May 2000, and a B.S. in Mathematics from Universidad del Valle (Cali, Colombia), March 2000. Her research focuses on problems of nonlinear elasticity, calculus of variations, and numerical analysis. She is the author of the book "Minimizers for a One-Dimensional Elasticity Problem: Existence and Regularity Results without Convexity Assumptions" (Lambert Academic Publishing, Germany, 2009). Her interests in pedagogy revolve around Math Fluency and Service-Learning (SL). Between 2006 and 2009, Dr. Franco co-directed grant-funded initiatives that led to the establishment and institutionalization of service-learning at Queensborough. Between 2010 and 2012 she led a service-learning initiative in mathematics under a DOE-MSEIP grant awarded to Queensborough and Medgar Evers College. Dr. Franco has (co-)led service-learning training workshops for faculty across the disciplines from 2- and 4-year colleges and has co-presented on service-learning at the regional and national levels. Her syllabus for one of her service-learning mathematics courses was included in a Community College Faculty Service Learning ToolKit (PA/NY Campus Compact, 2009). Dr. Franco is a very committed educator, who has taught college and high school students at institutions in Colombia, Puerto Rico, and the United States. From giving lectures to organizing workshops to collaborating in REU programs, Dr. Franco is actively involved in activities that seek to increase the number of women and minorities in the mathematical sciences, increase public understanding of and appreciation for mathematics, and address issues relevant to educational equity, in particular issues relevant to incarcerated youth/youth at risk. Dr. Franco has been co-PI of two grants from the CUNY Diversity Projects Development Fund. The first one led to a two-day interdisciplinary conference entitled "Hispanics and Latinos in the Humanities and the Sciences". The second one led to a year-long seminar about "Urban Culture, Underserved Populations and Community College Pedagogy in the 21st Century" organized in conjunction with Queensborough's Center for Excellence in Teaching and Learning (CETL).*

Saturday, April 13, 2013, 1:20pm, Ballroom
Trains, Rice, and Lockers: Imagine the Mathematical Connection

Dr. Jim Matthews *Jim Matthews has been a faculty member at Siena College for over 30 years. At Siena, he teaches mathematics, computer science, and courses for the education department including supervision of student teachers. In recent years he has been teaching Discrete Mathematics, Analysis of Algorithms, Theory of Computation, and Methods and Materials for Teaching Mathematics. Prior to joining the faculty at Siena he was a secondary mathematics teacher in Chatham, NY and he has taught mathematics for over ten years in Kindergarten through 4th grade classrooms. He has also worked as a consultant for many school districts and educational associations, the majority of this work for urban and rural schools. Jim has given hundreds of conference presentations and written articles based on ideas for improving the teaching of mathematics and computer science. He has conducted numerous workshops for mathematics educators, directed and consulted on many grant projects, and helped establish undergraduate and graduate programs for mathematics and science teachers at Rensselaer Polytechnic Institute. Currently, he is the principal investigator for a $1.2 million NSF grant project. Jim has served on and chaired committees for the New York State Education Department. He is an active member of the National Council of Teachers of Mathematics, the Association of Mathematics Teachers of New York State, and the Seaway Section of the Mathematical Association of America, He has served on committees and boards for all of these organizations including a term as President of the Association of Mathematics Teachers of New York State. Jim has been recognized with a NYNEX award for Excellence in Education and with the Siena College Teaching Award and was an inaugural inductee into the New York State Mathematics Educators Hall of Fame. He was also the back-up keynote speaker for President Obama. When not working, Jim likes to run, bike, hike, and ski. He also enjoys puzzles and games, magic, reading, and hanging out with his friends and family.*

GUEST SPEAKERS

Saturday, April 13, 2013, 8:15pm, Ballroom
Believing in the Greatness of Students – and Conquering Algebra

Steve Kahn *is the Director of Wayne State University's Center for Excellence and Equity in Mathematics (CEEM). A Professor of Mathematics at Wayne State since 1981, he earned his Bachelors degree from Stony Brook in 1972 and Ph.D. from the University of Maryland in 1979. Professor Kahn is the founder of the WSU Math Corps, a nationally recognized outreach program for Detroit public school children, and director of Wayne State's Emerging Scholars Program, one of the largest and most successful college level Algebra through Calculus programs of its kind in the country. As Director of CEEM, Professor Kahn has overseen the dual development of a powerful and unique teaching philosophy with a revolutionary new K-12 math curriculum. He has worked to implement them in both inner-city and suburban public schools with dramatic results. Over the years, Professor Kahn has earned numerous awards and honors, including the Detroit Public Schools "Outstanding Educator Award" and the Michigan Association of America's Michigan Section "Award for Distinguished University or College teaching." Currently, Professor Kahn is working to establish a network of schools in the city of Detroit, that would model the philosophy and practices of the Math Corps while simultaneously expanding the Math Corps to other sites across the country.*

COMMERCIAL PRESENTATIONS—ADIRONDACK WEST

Saturday, April 13, 8:00am, Jennifer Moore
Mastering Math, Not the System

Saturday, April 13, 9:00am, Kathy Campbell
MyMathLab, MyMathLabPlus, MyFoundationsLab and the NEW MyMathLab - Knewton® Partnership in Traditional and Non-traditional settings

Saturday, April 13, 10:30am, Rochelle Beatty, PhD
The Function of Change and Course Redesign in Developmental Mathematics

Friday, April 12, 2013, 9:00pm, Adirondack East
IGNITE NYSMATYC

Back-to-back, fast-paced, five-minute, entertaining (yet informative) presentations from faculty to faculty. The first IGNITE NYSMATYC celebrates the love and passion we all have for mathematics with continuous, energetic, and diverse mini-talks from talented NYSMATYC members.

RAFFLE — RAFFLE — RAFFLE — RAFFLE — RAFFLE—RAFFLE!

Fill out your enrollment form at the registration table

MYSTERY Raffle	**Friday Dinner, 8:00 pm**
ONE FREE 2013 AMATYC Conference Registration for Anaheim, CA:	**Business Meeting, Saturday, 11:35 am**
TWO FREE 2014 NYSMATYC Conference Registrations for Owego, NY:	**Business Meeting, Saturday, 11:35 am**
TWO FREE 2014 NYSMATYC Conference Registrations for Owego, NY:	**Saturday Lunch, 1:00 pm**
DOOR PRIZES Sponsored by NYSMATYC VENDORS:	**Saturday Lunch & Dinner**

46th ANNUAL NYSMATYC CONFERENCE / SESSION-TITLES-IN-A-PAGE

C#	TITLE	FRIDAY	RM	SATURDAY	RM	SUNDAY	RM
1	Mathematics and General Education	**1:00-2:00**	**AE**				
2	Some characters from statistics	**1:00-2:00**	**AW**				
3	General Education Mathematics Assessment- What Can Be Learned From It?	**1:00-2:00**	**WR**				
4	Assessing Students' Calculation Work and Level of Algebraic Proficiency	**2:10-3:10**	**AE**				
5	5 Lessons from the Flip	**2:10-3:10**	**AW**				
6	A Gem from Hindu Mathematics: Bhaskara's Solution of Pell's Equation	**2:10-3:10**	**WR**				
7	Fun with Trigonometry	**3:50-4:50**	**AE**				
8	The iPad Classroom...What we learned from EdTech Teachers summer 2012!	**3:50-4:50**	**AW**				
9	Using the standard form to explore parallel and perpendicular lines	**3:50-4:50**	**WR**				
10	Cooperative Pedagogy and Individualized Assignments to Promote Students' Word Problems Solving Skills in Remedial Math	**5:00-5:30**	**AE**				
11	Using Dropbox to simplify your life.	**5:00-5:30**	**AW**				
12	An Odd Proof (Partial) of Erdos' Ternary Conjecture	**5:00-5:30**	**WR**				
K1	*AMATYC- Orrange, Simpson, Tanner*	**8:00pm**	**Ball**				
K2	*Reimagining the Learning: Making Mathematics Real*	**8:15pm**	**Ball**				
A1	IGNITE NYSMATYC	**9:00pm**	**AE**				
A2	Estimation Run			**6:00am**	**L**		
13	Math On the Web (MOW)			**8:00-10:00**	**AE**		
14	Mastering Math, Not the System			**8:00-8:55**	**AW**		
15	Puzzle Fun - The Geometry of the Soma Cubes			**8:00-8:55**	**WR**		
16	MyMathLab, MyMathLabPlus, MyFoundationsLab and the *NEW MyMathLab - Knewton® Partnership in Traditional and Non-traditional settings*			**9:05-10:00**	**AW**		
17	Binomial Approximation to Normal Distribution			**9:05-10:00**	**WR**		
18	Holy Cow! Unbelievable Improvement in Developmental Course Pass Rates (From less than 50% to over 70%!)			**10:30-11:25**	**AE**		
19	The Function of Change and Course Redesign in Developmental Mathematics			**10:30-11:25**	**AW**		
20	Exploring Mathematical Reasoning of the Order of Operations			**10:30-11:25**	**WR**		
A3	NYSMATYC Business Meeting; **AMATYC / NYSMATYC CR Raffles**			**11:35-12:25**	**AE**		
K3	*Trains, Rice, and Lockers: Imagine the Mathematical Connection- Dr. Matthews*			**1:20pm**	**Ball**		
21	The History of Liberal Arts Mathematics			**2:00-2:55**	**AE**		
22	Introductory Statistics and Technology			**2:00-2:55**	**AW**		
23	An Interactive Application of Discrete Mathematics			**2:00-2:55**	**WR**		
24	Combining an iPad or Echo pen with Screencast-o-matic to create videos			**3:05-3:30**	**AE**		
25	Clicking Algebra-Related Education (CARE)			**3:05-3:30**	**AW**		
26	5 in a Row! The Math and Statistics of Stengel's 5 Consecutive Yankees' Championships from 1949 to 1953			**3:05-3:30**	**WR**		
27	Puzzles, Puzzles, Puzzles			**4:00-4:55**	**AE**		
28	Polyhedron Origami			**4:00-4:55**	**AW**		
29	Incorporating Research Activities Into Teaching			**4:00-4:25**	**WR**		
30	What's Math got to do with Gangnam Style?			**4:30-4:55**	**WR**		
31	SUNY Seamless Transfer Roundtable Discussion			**5:00-5:30**	**AE**		
K4	*Believing in the Greatness of Students - and Conquering Algebra - Dr. Kahn*			**8:15pm**	**Ball**		
A3	Minute-to-win-it Game Night			**9:00pm**	**AE**		
A4	Craft Night			**9:00pm**	**BR**		
32	Fun & Games in Developmental Math Classes					**9:00-9:55**	**AE**
33	Mathematics of Lloyd Shapely					**9:00-9:55**	**AW**
34	Successes in Activity Based Learning					**10:30-10:55**	**AE**
35	Non-Traditional Methods for Factoring Second-Degree Polynomials					**10:30-10:55**	**AW**
36	Math Trivia					**11:00-11:25**	**AE**
37	Onion Rings, Onion Volcanoes, and Volumes of Solids of Revolution					**11:00-11:25**	**AW**

AE: Adirondack East** ***AW: Adirondack West** ***WR: Warren Room** ***Ball: Ball Room** ***BR: Board Room** ***L: Lobby

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ALWAYS LEARNING PEARSON

Free Conference Registration

AMATYC will once again be offering
one FREE Conference Registration to a NYSMATYC member who will be attending the AMATYC annual conference in Anaheim, California
October 31 – November 3, 2013.

Winner will be selected at Business Meeting, Saturday 11:35 – 12:25.

The winner will be responsible for the cost of AMATYC membership, travel, hotel, meals and any other costs not related to the registration fee.

Free Conference Registration

NYSMATYC will be offering one **FREE** Conference Registration to **FOUR** NYSMATYC members who will be attending 47th NYSMATYC Annual Conference in Owego, NY
April 4 – 6, 2014.

Two Winners will be selected at Business Meeting and Two Winners will be selected at Saturday's lunch.

The winner will be responsible for the cost of NYSMATYC membership, travel, hotel, meals and any other costs not related to the registration fee.

Project ERNIE

Enhancing Relationships to Nurture and Inspire Educators

Class of 2013

Amelia	Stein	Broome CC
Susan	Rothwell	Erie CC - South Campus
Laura	Bond	Monroe CC
Matthew	Williams	Monroe CC
Heather	Liggett	Onondaga CC
Donna	Avery	Orange County CC
Jaclyn	Labozzetta	Suffolk County CC
Jennifer	Eddy	SUNY Morrisville
Mary Ellen	Ensign	Tompkins Cortland CC

Project ERNIE, is a faculty development program designed to assist those new to teaching mathematics at community colleges in New York State through collaboration with other NYSMATYC members. Each year several full-time math faculty in their first or second year of teaching math at the two-year level are selected to participate. We welcome the 2013 class as the fifth cohort in Project ERNIE.

Coordinators
Mary Beth Orrange, Erie CC
Ray LaBounty, Corning CC

Project ERNIE Conference Schedule*

Friday	12:00—1:00	LUNCH	**Ballroom**
Friday	1:00—3:00	Opening Session	**Board Room**
Saturday	5:40—6:30	Closing Session	**Adirondack East**

**Please look for ERNIE Fellows' presentations throughout the conference, and show your support.*

46th Annual NYSMATYC Conference
Program Summary—Friday

FRIDAY PM						
12:00 - 1:00	Deli Lunch Buffet ---- **Ballroom**					
Rooms:	**Adirondack East**		**Adirondack West**		**Warren Room**	
1:00 - 2:00	1	*Mathematics and General Education*	2	*Some Characters from Statistics*	3	*General Education Mathematics Assessment- What Can Be Learned From It?*
	E1	Project ERNIE Opening Session ---- **Board Room**				
2:10 - 3:10	4	*Assessing Students' Calculation Work and Level of Algebraic Proficiency*	5	*Five Lessons from the Flip*	6	*A Gem from Hindu Mathematics: Bhaskara's Solution of Pell's Equation*
3:10 - 3:40	Break ---- **Adirondack Foyer** ---- *PLEASE VISIT OUR VENDORS*					
3:50 - 4:50	7	*Fun with Trigonometry*	8	*The iPad Classroom...What we Learned from EdTech Teachers Summer 2012!*	9	*Using the Standard Form to Explore Parallel and Perpendicular Lines*
5:00 - 5:30	10	*Cooperative Pedagogy and Individualized Assignments to Promote Students' Word Problems Solving Skills in Remedial Math*	11	*Using Dropbox to S Simplify Your Life*	12	*An Odd Proof (Partial) of Erdos' Ternary Conjecture*
6:00 - 6:50	Executive Board Meeting ---- **Board Room**					
7:00 - 8:00	Adirondack BBQ Dinner Buffet ---- **Ballroom**					
8:00 - 9:00	*AMATYC Presentation* NYSMATYC Scholarship Winners Announced Keynote Address: Dr. Franco, *Reimagining the Learning: Making Mathematics Real*					
9:00 - 10:30	*IGNITE NYSMATYC* ---- **Adirondack East**					

46th Annual NYSMATYC Conference
Program Summary—Saturday

SATURDAY AM						
6:00	Estimation Run ---- **Lobby**					
7:00 - 7:50	Smart Start Breakfast Buffet ---- **Ballroom**					
Rooms:	**Adirondack East**		**Adirondack West**		**Warren Room**	
8:00 - 8:55	13	*Themed Session: Math on the Web* *Xtranormal to Enhance Lessons* *Projects in an Online Precalculus Course* *Open Education Resources in Mathematics* *The IPad: A Few of My Favorite Apps* *The New Common Core Standards—What Does This Mean?*	14	*Mastering Math, Not the System*	15	*Puzzle Fun - The Geometry of the Soma Cubes*
9:05 - 10:00			16	*MyMathLab, MyMathLabPlus, MyFoundationsLab and the NEW MyMathLab - Knewton® Partnership in Traditional and Non-traditional settings*	17	*Binomial Approximation to Normal Distribution*
10:00 - 10:30	Break ---- **Gold Room** ---- *PLEASE VISIT OUR VENDORS*					
10:30 - 11:25	18	*Holy Cow! Unbelievable Improvement in Developmental Course Pass Rates (From less than 50% to over 70%!)*	19	*The Function of Change and Course Redesign in Developmental Mathematics*	20	*Exploring Mathematical Reasoning of the Order of Operations*
11:35 - 12:25	NYSMATYC Business Meeting ---- **Adirondack East** (AMATYC & NYSMATYC Raffles)					
12:30 - 1:20	Mexican Fiesta Lunch Buffet ---- **Ballroom** Estimation Run Winners Announced Raffles of NYSMATYC Registrations and Door Prizes					
1:20 - 1:55	Keynote Address: Dr. Matthews, *Trains, Rice, and Lockers: Imagine the Mathematical Connection*					

RAFFLE: FREE Conference Registrations during the Business Meeting and after Lunch

Get your forms from the registration table —— Must be present to win

46th Annual NYSMATYC Conference
Program Summary—Saturday

SATURDAY PM						
Rooms:	Adirondack East		Adirondack West		Warren Room	
2:00 - 2:55	21	*The History of Liberal Arts Mathematics*	22	*Introductory Statistics and Technology*	23	*An Interactive Application of Discrete Mathematics*
3:05 - 3:30	24	*Combining an iPad or Echo pen with Screencast-o-matic to create videos*	25	*Clicking Algebra-Related Education (CARE)*	26	*5 in a Row! The Math and Statistics of Stengel's 5 Consecutive Yankees' Championships from 1949 to 1953*
3:30 - 4:00	Break ---- **Gold Room** ---- *PLEASE VISIT OUR VENDORS*					
4:00 - 4:25	27	*Puzzles, Puzzles, Puzzles*	28	*Polyhedron Origami*	29	*Incorporating Research Activities Into Teaching*
4:30 - 4:55					30	*What's Math got to do with Gangnam Style?*
5:05 - 530	31	*SUNY Seamless Transfer Roundtable Discussion*			Cocktail Hour **Gold Room**	
5:30 - 6:30	E2	Project ERNIE Closing Session	Executive Board Meeting **Board Room**			
6:30 - 7:00						
7:00 - 8:15	Banquet Dinner ---- **Ballroom**					
8:15 - 9:00	NYSMATYC Closing Announcements Keynote: Dr. Kahn, *Believing in the Greatness of Students - and Conquering Algebra* Math Song by Steve Krevisky					
9:00 - 10:30	Minute-to-Win-It Game Night ---- **Adirondack East** Craft Night ---- **Board Room**					

Please remember to complete Conference Evaluations

Please recycle your name tag holder

46th Annual NYSMATYC Conference
Program Summary—Sunday

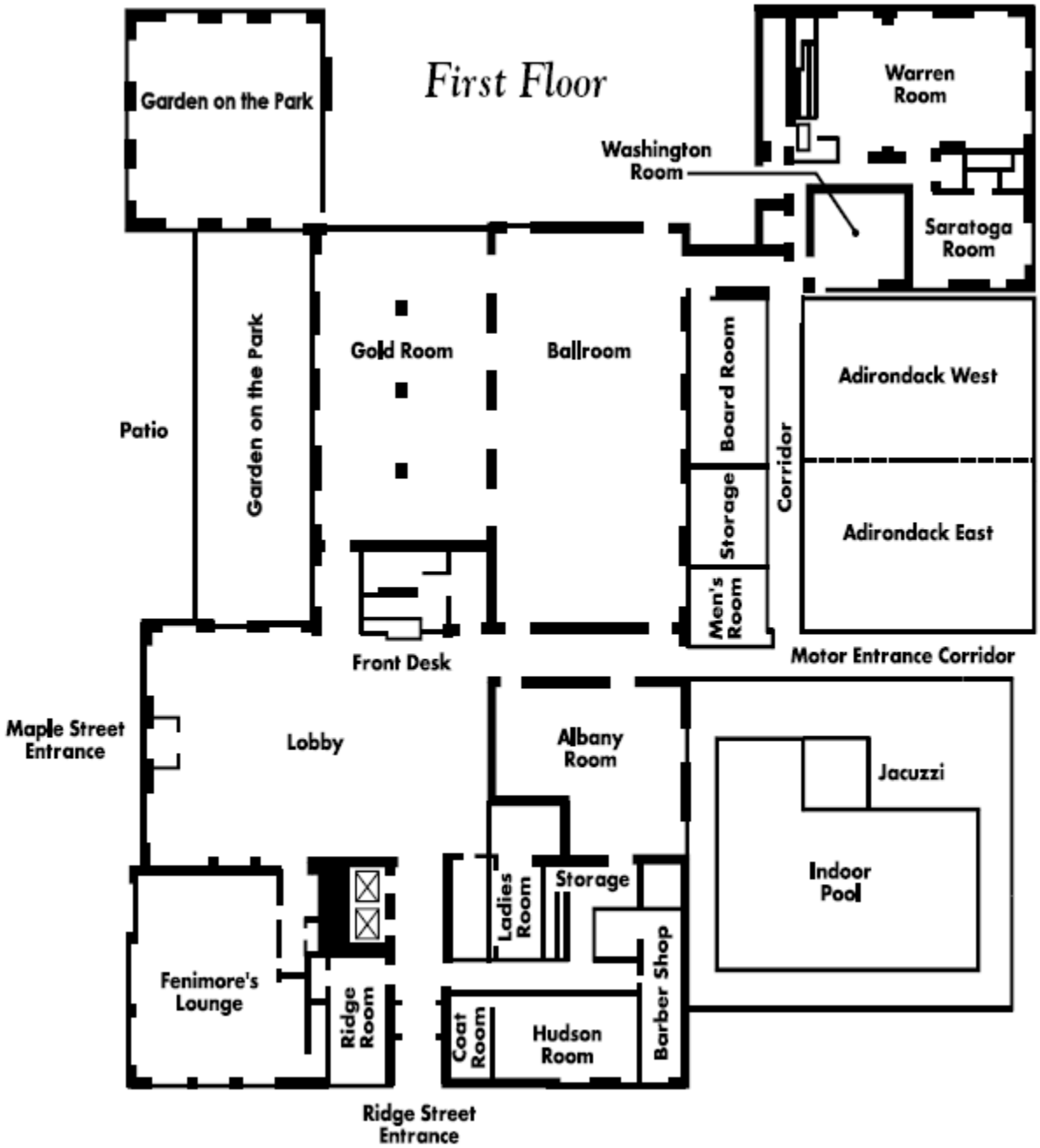
SUNDAY AM					
8:00 - 8:50	Smart Start Breakfast Buffet ---- **Ballroom**				
Rooms:	**Adirondack East**		**Adirondack West**		**Warren Room**
9:00 - 9:55	32	*Fun & Games in Developmental Math Classes*	33	*Mathematics of Lloyd Shapely*	
10:00 - 10:30	Break ---- **Adirondack Foyer**				
10:30 - 10:55	34	*Successes in Activity Based Learning*	35	*Non-Traditional Methods for Factoring Second-Degree Polynomials*	
11:00 - 11:25	36	*Math Trivia*	37	*Onion Rings, Onion Volcanoes, and Volumes of Solids of Revolution*	

Thank you for attending the
46th Annual NYSMATYC Conference!

Please recycle your name tag holder
and complete the conference evaluation.

We will be happy to see you in
Owego, 2014!

46th Annual NYSMATYC Conference
Queensbury Hotel Floor Plan



CONFERENCE REGISTRATION is open in the ADIRONDACK FOYER
Friday, April 12, 12:00pm—5:00pm
Saturday, April 13, 7:00am—11:00am & 2:00pm—3:30pm
Sunday, April 14, 8:00am—11:30am

Richard Moscatelli, NYSMATYC Treasurer, Nassau CC

Detailed Program Friday

12:00 – 1:00

Ballroom	***Crandall Park Deli Lunch Buffet***

1:00 – 2:00

Board Room	***Project ERNIE Opening Session*** Coordinators: Ray LaBounty & Mary Beth Orrange

Adirondack East Session 1	***Mathematics and General Education*** Presenters: Nadia Benakli, New York City College of Technology Arnavaz Taraporevala, New York City College of Technology Presider: Sue Kutryb, Hudson Valley CC What are general education outcomes? How can students acquire these skills, knowledge, and values in a math classroom? The presenters will discuss different activities that they use to assess these outcomes.

Adirondack West Session 2	***Some Characters from Statistics*** Presenter: Sean Simpson, Westchester CC Presider: Larry Danforth, Jefferson CC We all know at least a little bit about the characters in the history of mathematics. However, most math instructors know very little about the characters in the history of statistics. Come and hear about some of the biggest names in statistics!

Warren Room Session 3	***General Education Mathematics Assessment- What Can Be Learned From It?*** Presenters: Bridget Young, Suffolk CC Anabel Darini, Suffolk CC Presider: Jane Tanner, Onondaga CC Through two rounds of general education mathematics assessment we learned many lessons about SUNY expectations, attitudes about assessment, and how both the assessment process and its results really can help us improve what we do for students. After sharing our experiences we open the floor for discussion about other assessment experiences.

2:10 – 3:10

Adirondack East Session 4	***Assessing Students' Calculation Work and Level of Algebraic Proficiency*** Presenters: Joan Erickson, SUNY Delhi Presider: Maryann Justinger, Erie CC South Campus Sure, the instruction says "Show All Calculation Work". Are you surprised that some students show scrambled, erroneous, or even incoherent work? How does that reflect their level of understanding? The GE SLOs and assessment make me want to dig deeper. I invite you to share your insights and experiences.

Adirondack West Session 5	***5 Lessons from the Flip*** Presenter: Neeta Primo, Monroe CC Presider: Brian Milleville, Erie CC South Campus Thinking about flipping your class? Heard the theories, but wondering how it works in practice? Come learn about the flip of an elementary algebra course with Neeta Primo. Neeta will share five lessons she learned during her flip, presenting sample videos, assignments, and class formats along the way.

Warren Room Session 6	***A Gem from Hindu Mathematics: Bhaskara's Solution of Pell's Equation*** Presenter: Joseph Straight, SUNY Fredonia Presider: Jae Ki Lee, Borough of Manhattan CC We describe Bhaskara's method for finding integer-solutions to equations of the form x^2 - N*y^2 = 1, with N a square-free positive integer. Bhaskara developed his method 500 years before such equations were considered in Europe. The method, and some aspects of the proof, are accessible to precalculus students.

3:15 – 3:45

Adirondack Foyer	***Break ---- PLEASE VISIT THE VENDOR EXHIBITS***

3:50 – 4:50

Adirondack East Session 7	***Fun with Trigonometry*** Presenters: Lynnette Meslinsky, Erie CC City Campus David Usinski, Erie CC City Campus Presider: Anabel Darini, Suffolk CC Lynn and Dave will draw on their many years of experience teaching trigonometry to demonstrate some things they have used to liven up their classes. This fast paced presentation will alternately present non-technological classroom ideas and TI-Inspire activities requiring attendee participation.

Adirondack West Session 8	***The iPad Classroom...What we learned from EdTech Teachers summer 2012!*** Presenters: Donna Marie Stevenson, SUNY Jefferson Heather O'Brien, SUNY Jefferson Presider: Jay Hurlburt, Corning CC How do you use your iPad? How do your students use their iPads? How can the iPad be integrated into the classroom? We will share what we learned from an intense 3 day workshop presented by EdTechTeacher.org and how we are moving forward. Bring your mobile device!

Detailed Program Friday

Warren Room Session 9	***Using the Standard Form to Explore Parallel and Perpendicular Lines*** Presenter: Jae Ki Lee, Borough of Manhattan CC Presider: Joan Erickson, SUNY Delhi The standard linear equation Ax+By=C as an alternate method for defining parallel and perpendicular lines which helps enhance understanding beyond memorization of facts about slopes. Presenting both the slope-intercept form and the standard form to determine parallel and perpendicular lines provides connections to topics from transformational geometry to algebraic concepts.

5:00 – 5:30

Adirondack East Session 10	***Cooperative Pedagogy and Individualized Assignments to Promote Students' Word Problems Solving Skills in Remedial Math*** Presenter: Reem Jaafar, LaGuardia CC Presider: Bridget Young, Suffolk CC Students taking remedial math resist and avoid solving word problems, although they are connected and related to everyday life. A two-semester study involving cooperative pedagogy and assignments containing individualized word problems tailored to the students' particular interest show a substantial improvement in students' performance and attitude towards word problem.

Adirondack West Session 11	***Using Dropbox to simplify your life*** Presenter: Brian Milleville, Erie CC South Campus Presider: Sean Simpson, Westchester CC An overview of Dropbox will be given followed by specific uses. These will include posting a list of homework problems or folders with handouts in your course management system. Using Dropbox you will only have to create one link!

Warren Room Session 12	***An Odd Proof (Partial) of Erdos' Ternary Conjecture*** Presenter: Satyanand Singh, New York City College of Technology Presider: Joseph Straight, SUNY Fredonia A study will be made of a famous ternary conjecture of Erdos. For k>8, 2^k is not the sum of distinct powers of 3. We will prove its validity for odd exponents, trace its history and discuss its applications to divisibility by primes and prime powers of the middle binomial coefficient. We will also talk about related open problems.

6:00 – 7:00

Board Room	***Executive Board Meeting***

Detailed Program Friday

7:00 – 8:20

Ballroom	***Adirondack BBQ Dinner Buffet***

Ballroom	***NYSMATYC Scholarship Awards*** Julie Croteau, Corning CC ***NYSMATYC Math League Awards*** Abe Mantell, Nassau CC Ida Klikovac, Nassau CC Sponsored by Maplesoft and Texas Instruments ***AMATYC Presentation*** Jane Tanner, Onondaga CC Mary Beth Orrange, Erie CC Sean Simpson, Westchester CC

8:20 – 9:00

Ballroom	***Keynote Speaker:*** Dr. Maria Mercedes Franco, Borough of Manhattan CC ***Reimagining the Learning: Making Mathematics Real***

9:00 – 10:30

Adirondack East Session A1	***IGNITE NYSMATYC*** Organized by Dianna Cichocki, University at Buffalo NYSMATYC Professional Development Chair ***Introduction…….*** Dianna Cichocki, University at Buffalo ***Motivation……*** Deb Wakefield, Suffolk CC ***Spinning Wheel Math……*** Jane-Marie Wright, Suffolk CC, Ammerman Campus ***Equations……..*** Jacob Amidon, Finger Lakes CC ***Music is Mathematical….*** Mary Ellen C. Ensign, Tompkins-Cortland CC ***Math Humor……*** Mary Beth Orrange, Erie CC ***Flipping the Classroom….*** Sophia Georgiakaki, Tompkins-Cortland CC ***PacificT's "Graphing Calculator" Software*** Russell Penner, Mohawk Valley CC ***Various Activities for Pi Day & Math Awareness Week*** Jay Hurlburt, Rich Evans, Kathleen Speicher, Julie Croteau Corning CC

Notes Friday

Session _____

Session _____

Session _____

Estimation Run
Saturday 6:00am
Hotel Lobby

The Estimation Run on the Saturday morning of the NYSMATYC Conference began in 1978 in Corning, New York, as an idea of then President-elect Gerry Lieblich of the Bronx Community College. Gerry was looking for a different kind of activity, with different rules. The idea was that running fast was not the goal, but estimating your time was the real goal. That first year the run attracted three runners. They were runners. In subsequent years, Gerry was able to relax the rules a bit and permit walkers and talkers as well as runners. This became a social highlight for a great many conference attendees. Gerry continued to run the Estimation Run until the mid 1990's when he tragically passed away. The run was re-named in Gerry's honor, and Ernie Danforth ran it until Corning, 2011. With the race returning to its origins, Ernie decided to pass the torch to his son, Larry. This will be Larry's second year as the Gerry Lieblich Estimation Run Coordinator. Bring your good spirit and your sneakers and let's do a mathematical race. No watches or timers allowed! Larry will be waiting for you in the Lobby at 6:00am with his stop watch, clipboard, and a map. Your chance to explore Glens Falls!

Detailed Program Saturday

6:00 – 7:00

Hotel Lobby	***Gerry Lieblich Estimation Run*** Organized by: Larry Danforth, Jefferson CC Can you estimate your time to cover a certain distance on foot? Winners will be announced at lunch on Saturday.

7:00 – 7:50

Ballroom	***Smart Start Breakfast Buffet***

8:00 – 10:00

Adirondack East Session 13	***Themed Session: Math On the Web (MOW)*** Presenters: 8:00 – 8:20 Dianna Cichocki – University at Buffalo 8:25 – 8:45 George Hurlburt – Corning CC 8:50 – 9:10 David Usinski – Erie CC, City Campus 9:15 – 9:35 Jayashree Hurlburt – Corning CC 9:40 – 10:00 Susan Rothwell – Erie CC, South Campus Presider: Dianna Cichocki, University at Buffalo
8:00—8:20	***Xtranormal to Enhance Lessons***, Dianna Cichocki Do you get tired of using the same application scenarios over and over in your courses? Are there questions that students seem to ask semester after semester? Why not give an Xtranormal experience! In this presentation I will explain how I use Xtranormal videos in my Statistics class for both educational and management purposes.
8:25—8:45	***Projects in an Online Precalculus Course***, George Hurlburt For many years technology projects were regular part of my traditional Precalculus courses. The projects centered on gathering and exploring data using TI Calculators. Using videos and GeoGebra I have been able to recreate the projects to work in an online course. Come see a brief presentation of some of the projects and how students use GeoGebra to compete them.
8:50—9:10	***Open Education Resources in Mathematics***, David Usinski Is the idea of "free" educational curricula resources sound too good to be true? In this 20 minute session, I will offer my top resources from eTextbooks to online interactive environments for a myriad of courses, from developmental mathematics through calculus. I plan to pilot OERs in my fall courses.
9:15—9:35	***The IPad: A few of my favorite Apps***, Jayashree Hurlburt There are several apps available for the iPad. Jay Hurlburt will be demonstrating how she uses a couple of Apps called Showme and Logmein on a daily basis.
9:40—10:00	***The New Common Core Standards—What Does It Mean?*** Susan Rothwell The new Common Core State Standards are currently redefining our mathematics curriculum in not only New York state, but across the country. This session will highlight several web-based resources that will give insight as to how this major reform in mathematics will impact higher education.

Detailed Program Saturday

8:00 – 8:55

Adirondack West Session 14	***Mastering Math, Not the System*** – Commercial Presentation Presenter: Jennifer Moore, Hawkes Learning Systems Presider: Emad Alfar, Nassau CC You know the scenario: Students seem to be doing well on homework, yet are performing poorly on exams. With Hawkes, students cannon "cheat the system" to get through assignments. Instead, they are held accountable for mastering the material without relying on learning aids. Discover how Hawkes motivates students to succeed!

Warren Room Session 15	***Puzzle Fun - The Geometry of the Soma Cubes*** Presenters: Candice Dance, Onondaga CC Michael Oppedisano, Onondaga CC Presider: Sara Taylor, Dutchess CC We will discuss how our liberal arts students math used the classic Soma Cubes puzzle as the focus of an extensive project during Math Appreciation Week. Participants will be working with puzzles of various sizes throughout this hands-on session. Much fun will be had by all!

9:05 – 10:00

Adirondack West Session 16	***MyMathLab, MyMathLabPlus, MyFoundationsLab and the NEW MyMathLab - Knewton® Partnership in Traditional and Non-traditional settings*** – Commercial Presentation Presenters: Kathy Campbell, District Sales Manager, Pearson Sara Ouellette, Sr. Learning Technology Specialist, Pearson Jess Cipperly, Sr. Sales Representative, Pearson Presider: Jacob Amidon, Finger Lakes CC Since 2000 MyMathLab and MathXL have been used throughout New York State to help college students learn mathematics. Over the past 12 years MyMathLab has changed and so have the needs of math departments. With the advent of course redesign, readiness boot camp programs, and larger classes, online self tutoring has become a critical part of what students need to succeed. This presentation will cover a quick overview of MyMathLab with a concentration on new features. Then examples of how MyMathLab, and it's variants, MyMathLab, MyMathLabPlus, MyFoundationsLab and the *NEW* MyMathLab - Knewton® partnership, can accommodate readiness programs, traditional lecture setting and course redesign, will be given.

Warren Room Session 17	***Binomial Approximation to Normal Distribution*** Presenters: Ida Klikovac, Nassau CC Michael Riedinger, Nassau CC Presider: Reem Jaafar, LaGuardia CC The shared lesson will focus on normal distribution by the application of binomial approximation. The Law of Large Numbers will be used to explain the changes in shape of unknown distribution to normal by the increase the sample size.

Detailed Program Saturday

10:00 – 10:30

Gold Room	***Break ---- PLEASE VISIT THE VENDOR EXHIBITS*** Sponsored by Pearson Custom Division Learning Solutions

10:30 – 11:25

Adirondack East Session 18	***Holy Cow! Unbelievable Improvement in Developmental Course Pass Rates (From less than 50% to over 70%!)*** Presenter: Sara Taylor, Dutchess CC Presider: Mary Ellen Ensign, Tompkins Cortland CC Our students now 1) Mostly earn one/two credits for the semester instead of failing or passing all three credits 2) Immediately repeat any failed one-credit courses within the same semester, and 3) Do better at the middle and end of the semester because of content mastery. Come see how we did it!

Adirondack West Session 19	***The Function of Change and Course Redesign in Developmental Mathematics*** - Commercial Presentation Presenter: Rochelle Beatty, PhD; Cengage Learning Presider: George Hurlburt, Corning CC Join Cengage Learning to learn more about how we can partner with you by consulting, designing content, analyzing data, and training faculty with on-going workshops or on-campus events during your course redesign efforts. We have the services, technology, and support you need to create successful courses and improve student outcomes.

Warren Room Session 20	***Exploring Mathematical Reasoning of the Order of Operations*** Presenters: Susan Licwinko, Borough of Manhattan CC Nicole Taylor-Buckner, Borough of Manhattan CC Jae Ki Lee, Borough of Manhattan CC Presider: Candice Dance, Onondaga CC PEMDAS is a mnemonic device to memorize the order for calculating an expression containing several operations. However, students frequently make miscalculations with expressions containing either multiplication and division, or addition and subtraction. This presentation describes the mathematical reasoning of the Order of Operation and the effectiveness of a new approach

11:35 – 12:25

Adirondack East	***Business Meeting – PLEASE ATTEND*** ***AMATYC & NYSMATYC Conference Registration Raffles*** Business meeting agenda included on the next page

NYSMATYC Business Meeting Agenda

Saturday, April 13, 2013
11:35—12:25
Adirondack East

1. President's Report	Abraham Mantell
2. Approval of Minutes of April 21, 2012	Michael Riedinger
3. Treasurer's Report	Richard Moscatelli
4. Elections Report	Ray LaBounty
5. Committee Reports	
(a) Articulation	Ida Klikovac
(b) Audit	Russell Penner / Jacob Amidon
(c) Awards	Ray LaBounty
(d) Curriculum	Larry Danforth
(e) Legislative	Josh Hammond
(f) Newsletter	Russell Penner
(g) Professional Development	Dianna Cichocki
(h) Scholarship	Julie Croteau
6. Unfinished Business	
(a) NYSMATYC Representation to Other Organizations	
(i) AMATYC	Jane Tanner
(ii) AMTNYS	
(iii) MAA Metro	Abe Mantell
(iv) MAA Seaway	
(b) 2012 Conference	Abe Mantell
(c) Other	
7. New Business	
(a) Appointments	Sophia Georgiakaki
(b) Conferences	
(i) 2013, Glens Falls, NY	Sophia Georgiakaki
(ii) 2014, April 4—6, Owego, NY	Ray LaBounty
(iii) 2015, April 17—19, Rochester, NY	Ray LaBounty
(iv) 2016, April 8—10, Kingston, NY	Ray LaBounty
(c) Other	
8. Raffles	Sophia Georgiakaki
9. Adjournment	Michael Riedinger

Notes Saturday AM

Session _____

Session _____

Session _____

Detailed Program Saturday

12:30 – 1:20

Ballroom	***Mexican Fiesta Lunch Buffet***

Ballroom

Estimation Run Results
Larry Danforth, Jefferson CC

Door Prizes Raffle
Sponsored by Maplesoft
Hawkes Learning Systems
NYSMATYC
Tompkins Cortland CC

1:20 – 1:55

Ballroom

Keynote Speaker:
Dr. Jim Matthews, Siena College

Trains, Rice, and Lockers: Imagine the Mathematical Connection

2:00 – 2:55

Adirondack East

Session 21

The History of Liberal Arts Mathematics

Presenter: Michael George, Borough of Manhattan CC
Presider: Michael Oppedisano, Onondaga CC

Many non-STEM college students satisfy their mathematics requirement by taking a course, commonly called "Liberal Arts Mathematics," that endeavors to present an overview of mathematics. This presentation tells the story of this course's development, tracing competing ideas about what should be the proper mathematics education for the general student.

Adirondack West

Session 22

Introductory Statistics and Technology

Presenter: Ezra Halleck, New York City College of Technology
Presider: Vera Hu-Hyneman, Suffolk CC

During the first part of my presentation, I will report on Math for America's 2012-13 series of workshops on Statistics and Data Mining for NYC teachers seeking p-credit. In particular, I will present some software tools and approaches that may be of interest to instructors at the college level. For the second half, I will discuss a non-calculus based course for STEM majors at City Tech which makes extensive use of MS Excel. This Spring, 90 students enrolled in 3 sections will do one or more projects in applied statistics and probability simulations.

Warren Room Session 23	***An Interactive Application of Discrete Mathematics*** Presenters: Anne Prial, Orange County CC Stephen Leavy, THOR Solutions LLC Presider: Ray LaBounty, Corning CC This presentation introduces the Mathematics behind devising a simple digital logic circuit. A hands-on activity will demonstrate the relationship between logic and workings of an electronic die. Sneakers are recommended, but not required, as several attendees may find themselves begin elements of a human circuit.

3:05—3:30

Adirondack East Session 24	***Combining an iPad or Echo pen with Screencast-o-matic to create videos*** Presenter: Brian Milleville, Erie CC South Campus Presider: Ida Klikovak, Nassau CC I will describe how to make a video by adding the audio after the 'live' writing has been recorded using either an iPad or Echo pen.

Adirondack West Session 25	***Clicking Algebra-Related Education (CARE)*** Presenters: Jerry Chen, Suffolk County CC Myung-Chul Kim, Suffolk County CC Presider: Michael Riedinger, Nassau CC Algebra-related courses use the clicker teaching technique to ask good questions, combined with visual lessons. The method has proven to enhance students' success, increase conceptual understanding, and promote critical thinking in an interactive learning environment. Most students expect and enjoy learning with the clickers.

Warren Room Session 26	***5 in a Row! The Math and Statistics of Stengel's 5 Consecutive Yankees' Championships from 1949 to 1953*** Presenter: Steve Krevisky, Middlesex CC Presider: Amelia Stein, Broome CC How did the 1949-1953 Yankees win 5 in a row? Come hear about the math and statistics of how they accomplished this feat, which no other US major league team has ever done! Yogi, DiMag, Mickey, Whitey, the Chief and Scooter were linchpins of this team!

3:30 – 4:00

Gold Room	***Break ---- PLEASE VISIT THE VENDOR EXHIBITS***

Detailed Program Saturday

4:00—4:55

Adirondack East Session 27	***Puzzles, Puzzles, Puzzles!*** Presenters: Kate Danforth, Corning CC Larry Danforth, Jefferson CC Back for the fifth year! Participants will play a puzzle game. Come and play with a team of your own or join a team at the session.

Adirondack West Session 28	***Polyhedron Origami*** Presenter: Vera Hu-Hyneman, Suffolk County CC Presider: Ezra Halleck, New York City College of Technology Join us for 50 minutes of fun and learning. Enjoy using the ancient art of origami to turn 2-dimensional paper into 3-dimensional Platonic solids, and other polyhedrons. (No tape, staples or glue allowed.) They make for great class projects and can be useful manipulatives to teach topics relating to geometry

4:00 – 4:25

Warren Room Session 29	***Incorporating Research Activities Into Teaching*** Presenter: Lina Wu, Borough of Manhattan CC Presider: Heather Huntington, Nassau CC How can teacher improve students' research ability? The answer is to have teacher incorporate research activities into teaching. Two examples are illustrated from the author's teaching experience. One is in-class research activity in calculus teaching. The other is out-of-class research activity in trigonometry teaching.

4:35 – 5:00

Warren Room Session 30	***What's Math got to do with Gangnam Style?*** Presenters: Alexander Atwood, Suffolk County CC Jerry Chen, Suffolk County CC Myung Chul Kim, Suffolk County CC Presider: Steve Krevisky, Middlesex CC "Gangnam Style", by the Korean musician PSY, is a captivating music video that has gone viral, with over 900 million views on YouTube as of December 2012. In our talk we use mathematics to quantitatively analyze the explosive way in which the video has gone viral, the deep underlying economic themes of the video, the hypnotic structure of the musical rhythm and the arresting visual aspects of this video.

5:00 – 7:00

Gold Room		***Cocktail Hour***	

Notes Saturday PM

Session _____

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Session _____

Detailed Program Saturday

5:05 – 5:30

Adirondack East Session 31	***SUNY Seamless Transfer Roundtable Discussion*** Facilitator: Abe Mantell, Nassau CC

5:30—6:30

Adirondack East	***Project ERNIE Closing Session*** Coordinators: Ray LaBounty & Mary Beth Orrange

Board Room	***Executive Board Meeting***

7:00 – 8:15

Ballroom	***Dinner Banquet***

8:15 – 9:00

Ballroom	***Keynote Speaker:*** Dr. Steve Kahn, Wayne University ***Believing in the Greatness of Students – and Conquering Algebra***

Ballroom	Math Song by Steve Krevisky

9:00 – 10:30

Adirondack East 	***Minute to Win-it*** Hosted by Dianna Cichocki, University at Buffalo Fun, fast-paced, energetic game night is guaranteed to keep you on your toes. Let's see who can get the work done in 60 seconds or less!

Board Room 	***Craft Night*** Hosted by Jane-Marie Wright, Suffolk CC Bring your crochet, knitting, or other craft, and enjoy a Saturday night of relaxation after a busy day at the conference.

Many thanks to our sponsors for supporting NYSMATYC and Math education.

If you are not returning tomorrow,
please remember to fill out The CONFERENCE EVALUATION, and
please recycle your name tag holder

Detailed Program Sunday

8:00 – 9:00

Ballroom	***Smart Start Breakfast Buffet***

9:00 – 9:55

Adirondack East Session 32	***Fun and Games in Developmental*** Presenter: Mary Ellen Ensign, Tompkins Cortland CC Presider: Jane-Marie Wright, Suffolk CC I will be showing some of the hands-on games and activities that I use in my Developmental Math classes. These activities use items such as dice, cards, and a treasure map to reinforce concepts involving fractions, decimals, operations with integers, and proportions.

Adirondack West Session 33	***Mathematics of Lloyd Shapely*** Presenter: Jacob Amidon, Finger Lakes CC Presider: Joshua Hammond, Jefferson CC Lloyd Shapely and Alvin Roth were awarded the Nobel Prize in Economics last October. In this presentation I will talk about the Shapely-Shubik method of measuring power in a weighted voting system, a topic I have been presenting to liberal arts math students for many years, and what I can learn about the mathematics Shapely was awarded the Nobel prized for.

10:00 – 10:30

Foyer	***Coffee Break***

10:30 – 10:55

Adirondack East Session 34	***Success in Activity Based Learning*** Presenters: Joshua Hammond, Jefferson CC Presider: Russel Penner, Mohawk Valley CC Many community colleges in the state have developed a mathematical literacy course to meet the needs of a growing developmental student population. Come and listen to how this approach has been used at Jefferson CC to prepare students to take courses in Algebra, Statistics, and Liberal Arts Mathematics.

Adirondack West Session 35	***Non-Traditional Methods for Factoring Second-Degree Polynomials*** Presenter: Emad Alfar, Nassau CC Presider: Julie Croteau, Corning CC Some of the traditional methods used in factoring second-degree polynomials can be time-consuming. This presentation will demonstrate alternative methods that are simpler and quicker.

Detailed Program Sunday

11:00—11:25

Adirondack East Session 36	***Math Trivia*** Presenter: Ralph Selig, Fairleigh Dickinson University Presider: Michael Riedinger, Nassau CC Time to rattle the brain with those brain teasers. Good for all levels of mathematics instruction. Join us for some fun and some good laughs.

Adirondack West Session 37	***Onion Rings, Onion Volcanoes, and Volumes of Solids of Revolution*** Presenter: Amelia Stein, Broome CC Presider: Jacob Amidon, Finger Lakes CC I will demonstrate how I teach Volumes by Disks, Washers, and Cylindrical Shells while simultaneously preparing my dinner salad. This lesson provides students with a visual demonstration of where the formulas for Volumes by Disks, Washers, and Cylindrical Shells come from and how to apply them. This is my favorite lesson to teach as it never fails to be fun, entertaining, and a bit messy.

Thank you for attending
the 46th Annual NYSMATYC Conference.

Please Remember to fill Out The Conference Evaluation
And recycle your name tag holder

We look forward to your continued participation and support
and we hope to see you in

NYSMATYC Scholarships

John Vadney Past Presidents' Award

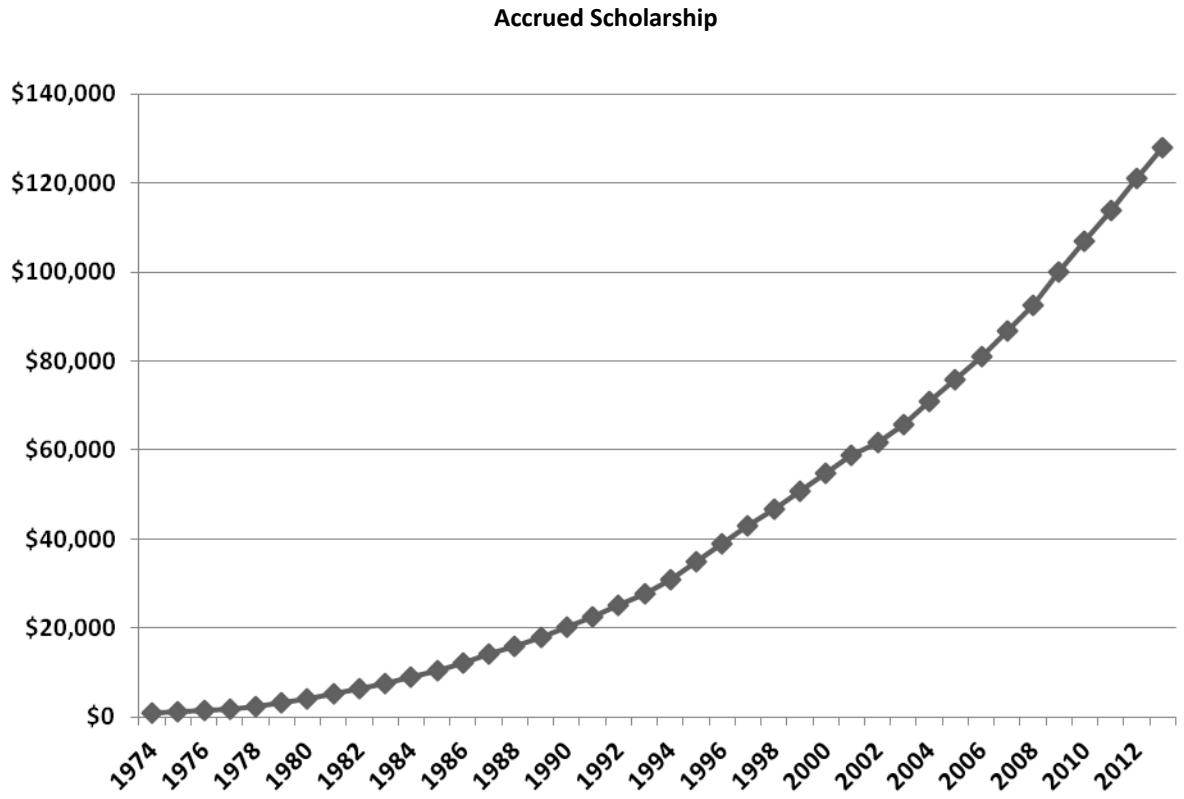
John Vadney was one of the founding fathers of NYSMATYC, but what set him apart from the rest of the founders was his continuous attendance at conferences for more than 40 years. His final contribution to the organization was to the Scholarship Fund. He pushed his fellow past presidents to contribute to the Scholarship Fund to push the total scholarship awards given by NYSMATYC to students to over $100,000. As a result of his efforts a new scholarship was created in 2010 for high achievers called the Past Presidents' Award and was renamed in 2011 to the John Vadney Past Presidents' Award.

Helen Siner Scholarship Award

Helen Siner taught mathematics at Staten Island Community College which later became the College of Staten Island a 4-year CUNY unit. In 1975 Helen was honored by NSYSMATYC for Outstanding Contributions to Mathematics Education. During the 1970's and 1980's Helen chaired the Scholarship Committee almost continuously. After her death in the early 1990's the top NYSMATYC Scholarship Award was named in Helen's honor.

Dan Dodway Scholarship Award

Dan Dodway was a professor of mathematics at Broome Community College. He served as NYSMATYC's 21st president. Dan also served the organization as Articulation chair as well as working with Paul Earl on some very successful Summer Institutes, the forerunner to our Professional Development Committee. In the mid 1990's Dan was killed in a tragic ultra-light plane accident. To honor his memory, the highest scholarship given annually to a student with intentions of pursuing a career in mathematics education was named in Dan's honor.



Scholarship Fund Donors

The following members have contributed to the 2013 NYSMATYC Scholarship Fund. Scholarships are primarily funded by donations and vender fees from the previous year. We extend our heartfelt thanks to each and every member for their generous support. Since NYSMATYC was founded in 1967, a total of $127,950 in scholarships has been distributed to students continuing their education.

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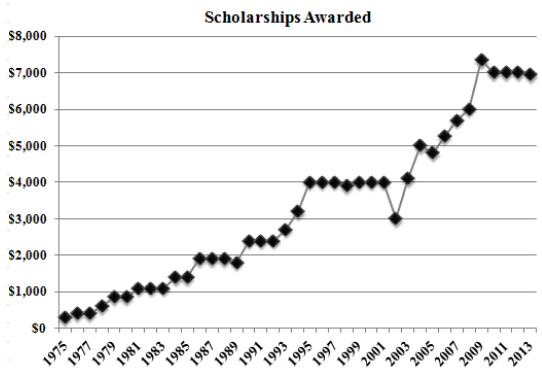

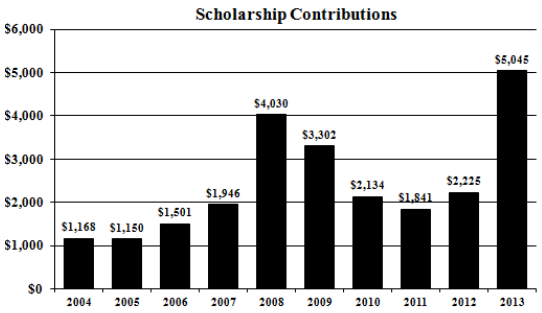

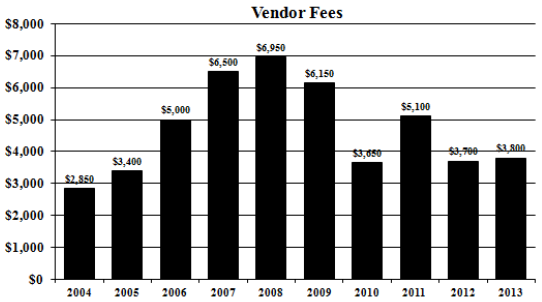

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Joseph	Straight	SUNY Fredonia
Ann	Tierney	Onondaga CC
Michelle	Tubbs	Orange County CC
Donald	Willner	Mohawk Valley CC
Jane-Marie	Wright	Suffolk County CC

Outstanding Contributions to Mathematics Education Award Winners

2012	Roy Cameron	SUNY Cobleskill
2011	Ernie Danforth	Corning Community College
2005	Dona Boccio	Queensborough Community College
2000	James K. Baker	Jefferson Community College
1999	Rose Tan	Westchester Community College
1997	Philip Cheifetz	Nassau Community College
1996	Rick Patrick	Adirondack Community College
1995	Sadie Bragg	Borough of Manhattan Community College
1994	Susan Forman	Bronx Community College
1992	Mona Fabricant	Queensborough Community College
1991	Richard Schwartz	College of Staten Island
1990	Joseph Browne	Onondaga Community College
1987	Don Cohen	SUNY Cobleskill
1986	Allen Angel	Monroe Community College
1983	George Miller	Nassau Community College
1983	Geoffrey Akst	Manhattan Community College
1982	Gerald Lieblich	Bronx Community College
1981	Warren Page	New York City Technical College
1980	James Baldwin	Nassau Community College
1980	Sheldon Gordon	Suffolk County Community College
1979	Peter Lindstrom	Genesee Community College
1978	Allyn Washington	Dutchess Community College
1977	Herb Gross	Corning Community College
1976	Lawrence Trivieri	Mohawk Valley Community College
1975	Leon Ablon	Staten Island Community College
1975	Helen Siner	Staten Island Community College
1975	Calvin Lathan	Monroe Community College
1974	Norm Schaumberger	Bronx Community College
1973	Erwin Just	Bronx Community College
1972	George Pedwick	Executive Director of CUPM
1972	James Eastham	Queensborough CC

NYSMATYC 1967

Outstanding Contributions to NYSMATYC Award Winners

2010	Abe Mantell	Nassau Community College
2009	Raymond LaBounty	Corning Community College
2007	Mary Beth Orrange	Erie Community College
2006	Ken Mead	Genesee Community College
2005	John Vadney	Fulton-Montgomery Community College
2004	Kate Danforth	Corning Community College
2003	Ernie Danforth	Corning Community College
2002	Maryann Justinger	Erie Community College
2001	Don Willner	Mohawk Valley Community College
1991	Karl Klee	Jamestown Community College
1990	John Impagliazzo	Hofstra University
1989	Roy Cameron	SUNY Cobleskill
1988	Paul Earl	Broome Community College
1985	Helen Seiner	The College of Staten Island
1973	Sam McInroy	Corning Community College
1972	Michael Sentlowitz	Rockland Community College
1971	Frank Avenoso	Nassau Community College

NYSMATYC Past Presidents

2012 - 13	Abe Mantell	1989 - 90	Ernest Danforth
2011 - 12	Ray LaBounty	1988 - 89	Dan Dodway
2010 - 11	Tim Grosse	1987 - 88	Joseph Browne
2009 - 10	Emad Alfar	1986 - 87	Gerald Smith
2008 - 09	Sue Kutryb	1985 - 86	Susan Forman
2007 - 08	George Hurlburt	1984 - 85	Carol Kublin
2006 - 07	Abe Mantell	1983 - 84	Karl Klee
2005 - 06	Jerilyn Fairman	1982 - 83	Roy Cameron
2004 - 05	Jodi Cotten	1981 - 82	Bruce Haney
2003 - 04	MaryBeth Orrange	1980 - 81	Lawrence Trivieri
2002 - 03	Maureen O'Grady	1979 - 80	Gerald Lieblich
2001 - 02	Beverly Broomell	1978 - 79	Allen Angel
2000 - 01	Dona Boccio	1977 - 78	Paul Earl
1999 - 00	Jane Tanner	1976 - 77	Robert Burghardt
1998 - 99	Rick Patrick	1975 - 76	Sam McInroy
1997 - 98	Maryann Justinger	1974 - 75	Allyn Washington
1996 - 97	Kate Danforth	1973 - 74	Donald Cohen
1995 - 96	Frank Mandrey	1972 - 73	Harold Hackett
1994 - 95	Joan Page	1971 - 72	John Walter
1993 - 94	Judy Cain	1970 - 71	Raymond McCartney
1992 - 93	Richard Rupprecht	1969 - 70	John Vadney
1991 - 92	Leonard Malinowski	1968 - 69	John Vadney
1990 - 91	Sadie Bragg	1967 - 68	Herbert Gross

46th Annual NYSMATYC Conference Attendees—April 2013

(registrations as of 4/8/13)

Adirondack CC
Chantal Baril
Maryann B. Faller
Bert Rawert
Amy Salvati

Borough of Manhattan CC
Michael George
Jae Ki Lee
Susan Licwinko
Yeugenly Milman
Bruce Sanford
Nicole Taylor-Buckner
Lina Wu

Broome CC
Amelia Stein

Clinton CC
Michael Helinger

Columbia Greene CC
Ralph Bertelle
Stephanie Olstad

Corning CC
Patrick Burdick
Julie Croteau
Ernie Danforth
Kate Danforth
Richard Evans
George Hurlburt
Jayashree Hurlburt
Raymond LaBounty
Kevin Martz
Sam McInroy
Kathleen Speicher

Dutchess CC
Sara Taylor

Erie CC
Colleen Doll
Maryann Justinger
Lynette Meslinsky
Brian Milleville
Mary Beth Orrange
Susan Rothwell
David Usinski

Fairleigh Dickinson University
Ralph Selig

Finger Lakes CC
Jacob Amidon
Tim Biehler
Charles Hoffman
Bryan Ingham
Sean Maley

Fulton Montgomery CC
William Lomanto
Julie Mihalcik

Genesee CC
Christopher Kemp
Julie Mihalcik

Hudson Valley CC
Thomas Dreyer
Beth Kane
Sue Kutryb
Peter Stix

Jefferson CC
Trevor Bradish
Andrew Burgess
Larry Danforth
Timothy Grosse
Joshua Hammond
Heather O'Brien
Pamela Smith
Donna Stevenson
Michael White

LaGuardia CC
Reem Jaafar

Learning Express
Tom Porter

Maplesoft
Louise Krmpotic

Middlesex CC
Stephen Krevisky

Mohawk Valley CC
Julie Dewan
Gabriel Melendez
Russell Penner
Barbara Turner
Donald Willner

Monroe CC
Debbie Adiletta
Mark Bellavia
Laura Bond
David Boni
Kim Doyle
Wadiha Haddad
Neeta Primo
Matthew Williams

Morrisville State College
Kimberly Berge
Jennifer Eddy
Karin Kimber
Mary Stella VanWass

Nassau CC
Emad Alfar
Armen Baderian
Henry Ciapas
Abe Mantell
Jay Martin
Janis Mazza
Richard Moscatelli
Michael Riedinger

NYC College of Technology
Nadia Benakli
Ezra Halleck
Satyanand Singh
Arnavaz Taraporevala

North Country CC
Lee Susice

Onondaga CC
Candice Dance
Kelly Groginski
Heather Liggett
Michael Mort
Michael Oppedisano
Larry Page
Joan Page
Jane Tanner

Orange County CC
Donna Avery
Josh Lavorgna
Stephen Leavy
Joel Morocho
Barbara Pinkall
Anne Prial
Janet Stonick
Eric Wortman

Queensborough CC
Maria Franco

Schenectady County CC
Kathryn Tomaino

Suffolk CC
Edward Wright

Suffolk County CC
Alexander Atwood
Jerry Chen
Anabel Darini
Vera Hu-Hyneman
Myung Chul Kim
Jaclyn Labozzetta
Debra Wakefield
Jane-Marie Wright
Bridget Young

Sullivan County CC
David Pollack
Lisa Topolovec

SUNY Cobleskill
Roy Cameron

SUNY Delhi
Joan Erickson

SUNY Fredonia
Joseph Straight

SUNY Orange
Scott Graber
Christine Leroux

Tompkins Cortland CC
Mary Ellen Ensign
Sophia Georgiakaki

University at Buffalo
Dianna Cichocki

Westchester CC
Chi Giang
Shawn Rajan
Sean Simpson

Future Mathematics Conferences

AMATYC

- 2013: October 31—November 3; Anaheim, CA
- 2014: November 13—16; Nashville, TN
- 2015: November 19—22; New Orleans, LA
- 2016: November 17—20; Denver, CO

AMTNYS 2013

- Summer Workshop: July 21—24, St. John Fisher College, Rochester, NY
- Fall Annual Conference: November 7—9, Adam's Mark Hotel, Buffalo, NY

ATMNYC 2013

- Annual Fall Conference: November 16, Hunter College, NYC

MAA

- MathFest 2013: July 31—August 13, Hartford, CT
- MathFest 2014: August 7—9, Portland, OR
- MathFest 2015: August 5—8, Washington, DC (Centennial Anniversary)
- MAA-AMS Joint Mathematics Meeting 2014: January 14—18, Baltimore, MD
- MAA-AMS Joint Mathematics Meeting 2015: January 10—13, San Antonio, TX
- MAA-AMS Joint Mathematics Meeting 2016: January 6—9, Seattle, WA

MAA Seaway

- Spring 2013: April 19—20, SUNY Fredonia
- Fall 2013: October 18—19, SUNY Potsdam
- Spring 2014: April 25—26, Buffalo State College

MAA Metro

- 2013 Annual Meeting: May 5, Farmingdale State College (SUNY)
- Delegate Assembly: October 9, 2013, York College (CUNY)

NYS STEM Education Collaborative

- Interdisciplinary Conference, October 18, 2013, Stevens Institute of Technology, NJ

T3

- 2013 Regional Conference: June 12—13, Newberry, SC
- 2014 International Conference: March 7—9, Las Vegas, NV

Upcoming
NYSMATYC Conferences

47th Annual Conference
April 4—6, 2014

Treadway Inn, Owego, NY
http://www.owegotreadway.com/

Regional Conferences—Fall 2013

Region I: TBA
Region II: Tompkins Cortland Community College
Region III: TBA
Region IV: New York City College of Technology

Future Annual Conferences

2014: Owego, NY, April 4—6
2015: Rochester, NY, April 17—19
2016: Kingston, NY, April 8—10
2017: Region III, April 21—23, Location TBA

Keep checking the NYSMATYC website for updated conference information
www.nysmatyc.org

AMATYC Project ACCCESS

Advancing Community College Careers: Education, Scholarship, and Service

Project ACCCESS is a mentoring and professional development initiative for two-year college mathematics faculty sponsored by the American Mathematical Association of Two-Year Colleges (AMATYC). The goal of Project ACCCESS is to facilitate current and continued professional growth for a cadre of two-year college mathematics faculty who will become the leaders of their profession. Participating Fellows will gain knowledge of the culture and mission of the two-year college and its students, acquire familiarity with the scholarship of teaching, commit to continued growth in mathematics, and participate actively in professional communities.

Fellows will attend two consecutive AMATYC national meetings where they will participate in a specially developed pre-conference workshop as well as regular conference activities. In the intervening year, Fellows are encouraged to attend an AMATYC Affiliate meeting, an MAA Section meeting or an NCTM Regional meeting near their home institution. For the duration of the project, an electronic network will link Project ACCCESS Fellows with each other and with a group of distinguished mathematics educators. The development, implementation, and evaluation of a project will be a component of each Fellow's professional development experience.

Project ACCCESS has been in existence since 2004. A 9th cohort of Fellows was selected in Summer 2012 and participated in ACCCESS workshops at the AMATYC conference November 2012 in Jacksonville. A 10th cohort of Fellows will be selected in June of 2013 and will participate in the AMATYC conferences in 2013 and 2014.

ELIGIBILITY:
Mathematics faculty for whom the 2013-2014 academic year will be their first, second, or third year of a full-time renewable position are invited to apply for the next Project ACCCESS cycle. Fellows will be selected on the basis of breadth of interests, motivation for participation, plans for implementing project goals, interest in leadership and degree of institutional support. Approximately 24 Fellows will be selected.

COST:
There is no fee for participation in AMATYC Project ACCCESS itself. Attendance at the AMATYC Conferences in Anaheim, California (November 2013) and Nashville, Tennessee (November 2014) is required and AMATYC will give cohort members complimentary membership in the organization and complimentary registration for those conferences. It is estimated that the total institutional commitment will be approximately $1,200 spread over two fiscal years for lodging, travel and meals. AMATYC and the AMATYC Foundation will cover some expenses for the conferences. Assurances of institutional support and eligibility are of critical importance in the acceptance process. Additional details about institutional funding commitments and application materials are available at www.acccess.amatyc.org.

TO APPLY:
Application materials will be available March 1st at www.acccess.amatyc.org. The application deadline for Cohort 10 is May 1, 2013.

Project Director:
Laura Watkins, Glendale Community College, laura.watkins@gcmail.maricopa.edu

39th AMATYC Annual Conference

Anaheim, California
October 31 - November 3, 2013

Conference Theme: *Math: There's no end to the fun!*

For more information, visit

http://www.amatyc.org/Events/conferences/2013Anaheim/

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AMATYC

Keep checking the NYSMATYC website for updated conference information

www.nysmatyc.org

Have a safe trip back, and we will see you again in Owego 2014!

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www.nysmatyc.org

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