State University of New York Old Westbury

Presents

The Fortieth Annual

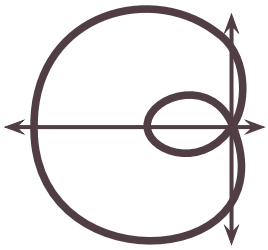
LIMAÇON

Long Island Mathematics Conference

Mathematical Truth
Logical Truth
Curriculum Development

Friday, March 13, 2026 - 7:45 A.M. to 2:35 P.M.

at SUNY Old Westbury, Campus Center



Co-sponsored by:

The Nassau County Mathematics Teachers' Association

The Association of Mathematics Supervisors of Long Island

The Association of Teachers of Mathematics of New York City

To register go to:

https://limathconference.org/register/

LIMAÇON, designed for mathematics educators from primary through university level, provides opportunities for professional interactions and offers a forum for the exchange of concerns, innovative ideas, and achievable goals. This year's conference theme is *It's all in the Wrist.*

The **keynote address** will be given by **Mark Saul**, Mathematics Consultant

Philosophers tell us that mathematical truth is logical truth. This seemingly abstract observation can give us an important basis for the development of curriculum, for writing textbooks, and for classroom interactions. Topics like number sense, automaticity, geometry, and data analysis find a natural place in our thinking. The notions of logic develop in the students' minds together with these topics. Let's talk.

Session A (10:30 – 11:20)	**Session B** (11:35 – 12:25)	**Session C** (12:40 – 1:30)	**Session D** (1:45 – 2:35)
1. **Math Games** Suzanne Ragozzino	16. **Math Games** Barbrina Ertle	26. **Count Me In** Matthew Tetenbaum	36. **Active Learning Strategies** Michelle DePuy
2. **Hands-on-Math** William Farber	17. **MTSS Implementation** Jennnifer Kling	27. **Understand Fractions/Ratios** Susan Morse	37. **Problem Based Learning** Greg Trieste
3. **Gamified Math Workshop** Bob Sun	18. **Hands On - Fractions** Frank Gardella	28. **Math Literacy Strategies** Michelle Sugrim	38. **Math in Play: Skills Practice** Michael Morici
4. **Beginning Algebra 1** Frank Gardella	19. **AMC Prob. Solv. Strategies** Lihong Cheng	29. **Modern Classroom Project** Courtney Beavan	39. ~~**Thing Classrooms in Math** Benjamin Allen~~
5. **Motivating Students** Jon DeLise	20. **Culturally Relevant Educ.** Kevin Anderson	30. **Set Design & Structure** Adam Brulhardt	40. **SOR & NYSS Briefs** Nicki Gonias
6. **Math to New Heights** Lori Csutor	21. **My First TI-NSPIRE** Jayson Kiang	31. **Career & Technical Educ.** Zsuzsanna Kozmane-Fejes	41. **Differentiate the Question** Jocelyn Dunnack
7. **21st Century Skills** Peter Santoro	22. **NumWorks Calculator** Matt Blevins	32. **Developing Student Agencies** Tom Beatini	42. **TI Tips for Regents Exams** Dana Morse
8. **Math Fair Papers** Rob Gerver	23. **Productive Failure in Math** Peter G Hayes	33. **SAT Math Club** Yelena Khevelev	43. **Using NumWorks - Regents** Kylie Sullivan
9. **Fractions 9 - 12** Jonathan Halabi	24. **Explore Game Theory** Elana Reiser	34. **History of Math** Brian Evans	44. **Finance Is Math** Philip Dituri
10. **Are You Your Credit Score** Andrew Davidson	25. **Dynamic Routines** Jay Schiffman	35. **Sci. Method for Prob. Solv.** Wendy Soohoo	45. **Data Science for All** Frank Sanacory
11. **Google Gemini in Class** Kimberly Dwyer	7:45 - 8:30 CHECK-IN, CONTINENTAL BREAKFAST		46. **The Martini Problem** Robert Andersen
12. **Explore Math with Python** Michael Daly-Jones	8:45 - 9:15 INTRO by L.I. Mathematics Conference Board and Dr. Jong Pil Lee Scholarship Awardees		47. **Demystifying AI** Subash Midha
13. **Bad at Math to Belonging** Emma Kessler	9:15 - 10:15 Keynote address by Dr. Mark Saul		48. **Mentorship in Motion** Maria Federico
14. **Counterexamples in Math** Jay Schiffman	10:30 - 2:35 SESSIONS A-D see schedule (all presentations held in the New Academic Building) LUNCHEON during either session B or C		49. **Personalize Lessons with AI** Wendolyn Cordova
15. **Survive your First Year** Paul Pelech	7:45 - 1:45 EXHIBITOR BOOTHS AVAILABLE		

SESSION A 10:30 -- 11:20 (Select three sessions from numbers 1 - 15)

1. **Fun and Easy Math Games with Cards or Dice** — **Suzanne Ragozzino (K-2)** — **Malverne (ret)**
   We will play some of my tried and true adding, subtracting, and place vale games using playing cards or dice. Simple directions and prep that can be adapted based on the objective you want your students to practice. It's FUN, not MATH!
2. **Hands-on math - Counting & Sorting & 1-to-1, OH MY!** — **Barbrina Ertle (K-5)** — **Mercy University**
   Interactive, fun learning experience designed for K-5 children. The hands-on activities connect counting, sorting, 1-1 correspondence, and early probability concepts, using manipulatives. The topics are correlated to the NG Math Standards.
3. **Gamified Math Workshop: A Catalyst for Deeper Thinking** — **Bob Sun/Jennifer Kling (K-8)** — **First in Math**
   Reimagine your math instruction with a dynamic, research based workshop model that blends direct instruction with collaborative, game-rich learning experiences. Discover how to build inclusive, student-driven environments. Hands-on!
4. **Beginning Algebra 1 with Algebra** — **Frank Gardella (6-12)** — **Hunter College**
   This session will use graphing, algebra tiles and a simple number puzzle to show significant but understandable algebraic ideas helping students to realize that they can, in fact, understand algebra from the beginning.
5. **Motivating Students - Manipulatives in the Math Class** — **Jon DeLise (6-12)** — **Calhoun HS (Ret)**
   Let's take the edge off of mathematics! The workshop will present a variety of hands-on activities that teachers can use to help develop math concepts. The workshop helps math teachers to look at other ways to introduce mathematics.
6. **Let's take math to new heights** — **Lori Csutor (6-12)** — **Brentwood HS**
   Soar into STEM! Learn how TI-Nspire, coding, and drones can transform your classroom with interactive, high-tech lessons that boost problem-solving and engagement.
7. **Preparing Students for 21st Century Skills** — **Peter Santoro (6-12)** — **Garden City HS (Ret)**
   Project-Based Learning in the Math Classroom: "We are preparing students for jobs that don't yet exist…" The challenge: Math isn't just formulas—it's a tool for critical thinking and real-world problem-solving.
8. **Writing Math Fair Papers: A Curriculum For Instructors** — **Robert Gerver (9-12)** — **Stony Brook University**
   This session is based on an article from the September 2017 issue of NCTM's Mathematics Teacher journal and the Writing Math Research Papers textbook. A nationally used HS Math Research curriculum in use for 35 years will be scrutinized.
9. **Fractions 9–12: A Game, a Problem, an Investigation** — **Jonathan Halabi/Roman Litvak (9-12)** — **Urban Academy**
   Fractions are a bridge from arithmetic to algebra. Yet students may only the mechanics. We will look at engaging activities: a game, a puzzle, and an investigation, that allow students to deepen their fraction sense and understanding.
10. **Are You Your Credit Score?** — **Andrew Davidson/Philip Dituri (9-12, College)** — **FiCycle**
    Despite being often misunderstood, credit scores are important to our lives. What does your credit score say about you? To answer this question, we will develop some data science skills & make use of math standards.
11. **Leveraging Google Gemini in the HS Classroom** — **Kimberly Dwyer/Elizabeth Hatter (9-12)** — **Syosset HS**
    Unlock Google Gemini for your HS classroom. Save time on prep, streamline lesson planning, and use practical AI strategies to create highly engaging, personalized learning experiences for every student.
12. **A Liberal Arts Approach to Exploring Mathematics with Python** — **Michael Daly-Jones (9-12, College)** — **Suffolk Community College**
    Computers are tools that do exactly what they are programmed to do extremely quickly. They can be used to help humans solve problems and prove theorems by doing a good deal of "grunt work". We'll explore such problems and proofs.
13. **From 'Bad at Math' to Belonging** — **Emma Kessler (General)** — **Colonial Trail Elementary School**
    I grew up believing I was "bad" at math, I am passionate about math. That change begins with educators. No student can be "wrong" in their thinking. This builds a positive mindset in math.
14. **The Role of Counterexamples in Mathematics** — **Jay Schiffman (General)** — **Rowan University (Ret)**
    What fails in mathematics is as important as what succeeds. Counterexamples serve to alleviate misconceptions. We focus on counterexamples selected from the areas of number and operations, pre-calculus, calculus, and discrete mathematics.
15. **How to survive your first year as a mathematics teacher** — **Paul Pelech (Pre-serv)** — **Westbury Schools-SUNY Old Westbury**
    Preservice and first year teachers welcome! Learn how to navigate earning a teaching position, acing your interview, and establishing yourself on your journey to tenure. This session will focus on a great start to a rewarding career!

SESSION B 11:35 - 12:25 (Select three sessions from numbers 16 - 25)

16. **Math Games to Deepen Understanding of Number Concepts** — **Barbrina Ertle (K-5)** — **Adelphi University**
    This interactive session will explore math games that can promote meaningful and engaging learning of number concepts, building understanding and fluency.
17. **Efficient & Effective MTSS Implementation Made Easy** — **Jennifer Kling/Bob Sun (K-8)** — **First in Math**
    Walk away with a clear, game-based framework to meet MTSS goals without the guesswork—supported by mapped content and actionable tools.
18. **Fractions: Hands-on Before Symbolism** — **Frank Gardella (3-8)** — **Hunter College**
    Fractions need not be the nemesis of students. This session will use simple, teacher-made materials and demonstrate how they lead to an understanding of the concepts and operations of fractions (without saying 'flip and multiply.')
19. **AMC Problem Solving Strategies** — **Lihong Cheng (6-12)** — **Glen Cove School District**
    Empower your teaching with proven strategies to sharpen student problem-solving skills for the AMC. Move beyond rote memorization to foster deep, creative mathematical thinking.
20. **The use of Culturally Relevant Education in Mathematics** — **Kevin Anderson (6-12)** — **Uniondale School District**
    For this workshop, educators will learn how to develop mathematical lessons/activities for multilingual students in their classrooms. These lessons/activities will meet the Math Next Generation Standards with support from A.I.
21. **"I Just Got My First TI-NSPIRE. Now What?"** — **Jayson Kiang (6-12)** — **Longwood HS/Texas Instrument**
    Teachers who gain access to the TI-NSPIRE calculator often do not know where to begin. We will do a comprehensive introduction to how to use the technology and how it can improve student engagement and overall classroom instruction.
22. **Regents-Ready Data Tools in the NumWorks Graphing Calculator** — **Matt Blevins (9-12)** — **NumWorks**
    Participants will explore the tools NumWorks offers to simplify data analysis for the Algebra I Regents exam and other courses, including hands-on use of regression models, visualizations, and shared datasets via the NumWorks simulator.
23. **Productive Failure for Math Success** — **Peter G Hayes (9-12, College)** — **Stony Brook University**
    An introduction to Manu Kapur's book, Productive Failure. Included: the learning science of Kapur's theory, and the how-to of designing productive failure math activities. You will receive your own copy of his book.
24. **College & High School Students Explore Game Theory** — **Elana Reiser/et al (9-12, College)** — **St Joseph's University**
    An innovative collaboration between college and high school students - explore topics in game theory. The joint teams will present their findings on their own research.
25. **Dynamic Routines to Foster Student and Teacher Engagement.** — **Jay Schiffman (General)** — **Rowan University (Ret)**
    Participants view routines accessible both in person and virtually. Routines including Which One Doesn't Belong, Always, Sometimes or Never and What if are among those we consider. We conclude by discussing the role counterexamples play.

SESSION C 12:40 - 1:30 (Select three sessions from numbers 26 - 35)

26. Count Me In! Early Numbers, Lasting Impact — **Matthew Tetenbaum/Rachel K, Marvin P (K-8)** — **Freeport Public Schools**
In this workshop, we will explore how early counting and cardinality skills drive and impact long term math success.

27. Deepening Conceptual Understanding of Fractions and Ratios — **Susan Morse (3-8)** — **Pearson**
Many students struggle with fractions and ratios, and procedural skills without concepts lead to fragile learning. This session shows how Susan J. Lamon's book Teaching Fractions and Ratios for Understanding supports deeper comprehension.

28. Math Literacy Strategies — **Michelle Sugrim (6-12)** — **Business Technology Early College HS**
Discover strategies to integrate writing, close reading, and vocabulary in math. Learn how literacy supports students in articulating their thinking, reasoning through problems, and communicating mathematical understanding.

29. Modern Classrooms Project: Meeting Students Needs — **Courtney Beavan (6-12)** — **NYCDOE**
This session explores and analyzes the Modern Classroom Project through Algebra I implementation, highlighting its role in advancing differentiated instruction and fostering student growth.

30. Problem Set Design and Structure — **Adam Brulhardt (6-12, College)** — **NYCDOE**
Tired of random practice problems? So are your students. In this workshop, participants will gain tangible takeaways for designing engaging, high-quality problem sets when it's time to practice in class (or at home).

31. Mathematics Integration in Career and Technical Education — **Zsuzsanna Kozmane-Fejes (9-12)** — **SW BOCES**
This session will offer practical ideas to meet the needs of all learners. Participants will walk away with strategies to integrate into any mathematics course.

32. Developing Student Agency with Self-Checking Activities — **Tom Beatini (6-12)** — **Union City HS**
Self-checking activities empower students to take ownership of learning by providing immediate feedback. They can confirm their understanding while reflecting on thinking, fostering greater agency. A formative assessment for your toolbox!

33. SAT Math Club — **Yelena Khevelev/Ryan Paul (9-12)** — **Beacon HS**
This workshop will break down the main math topics necessary for the new SAT math. We will show you how to use demos to answer certain questions along with resources to build a club at your school.

34. History of Mathematics in the Classroom: A Focus on Cultures — **Brian Evans (9-12)** — **Pace University**
This presentation gives a brief overview of math history through the contributions from various cultures. It provides ideas for using math history to motivate students with focus on diverse cultural contributions to the development of math.

35. Using the Scientific Method for Problem Solving — **Wendy Soohoo/Leo Cordova (General)** — **Building Empowered Students Today**
Using the scientific method to parallel solving a mathematics problem, especially different types of math problems through conceptually understanding and reasoning. Then move on to using this graphic organizer to solving word problems.

SESSION D 1:45 - 2:35 (Select three sessions from numbers 36 - 49)

36. Active Learning Strategies to Enhance Numeracy — **Michelle DePuy (K-5)** — **Math and Movement**
Discover play-based, kinesthetic math strategies to boost fluency, build number sense, and increase engagement. Explore research, real-life success stories, and practical activities to reduce math anxiety and tackle unfinished learning.

37. Math Moves: Structured Approach to Problem Based Learning — **Greg Trieste/Kathleen Compton (K-8)** — **Amplify Education**
With structured PBL, all students can become math doers. Learn to shift from "sage on the stage" to "guide on the side," flip lessons to "You Do, We Do, I Do," and build student math identity.

38. Math in Play 3-5: Skills Practice in Elementary — **Michael Morici/Gary Haraveth (3-5)** — **Carnegie Learning**
Explore the difference between dynamic and rote practice, engage in activities that build fluency and proficiency, and connect math tasks to the Five Strands of Mathematical Proficiency.

39. Building Thinking Classrooms for Middle School Math — **Benjamin Allen (6-8)** — **NYCDOE**
Peter Liljedahl's influential book "Building Thinking Classrooms" provides a model for increasing engagement while delivering high-quality instruction. This workshop will explore ways to implement this lesson model for middle school math.

40. SOR & NYSS Briefs: Boosting Math Literacy — **Nicki Gonias/Lisa Downey (6-12)** — **Mineola Public Schools**
Learn practical strategies to embed literacy (incl. NYSS Numeracy Briefs & Science of Reading) into math teaching, boosting text comprehension, symbol decoding, and communication of concepts.

41. Differentiate the Question, Not the Task — **Jocelyn Dunnack (6-12)** — **CPM Educational Program**
All students deserve to experience cognitively demanding tasks. Explore how to build a classroom community and develop students' productive struggle, while maintaining the rigor of a rich task.

42. TI Tips for Regents Success — **Dana Morse (9-12)** — **Texas Instruments**
Maximize the TI graphing calculator in your classroom & build math confidence. We will explore the best features of the calculators in an effort to engage students. Have students explore math hands on and learn about Apps for NYS Regents.

43. Using NumWorks for Regents Success — **Kylie Sullivan (9-12)** — **NumWorks**
Explore past NYS Regents Exams using the NumWorks calculator to discover how NumWorks breaks down technology barriers and increases student success!

44. Finance is Math: Meeting New State Standards in Fin Lit — **Philip Dituri (6-12, College)** — **FiCycle/Dituri Consulting**
Come learn how to fulfill NYS Financial Literacy standards in a conceptually focused way that will not only help your students meet new state requirements but will also help them make better decisions in their real life.

45. Data Science for All — **Frank Sanacory (9-12, College)** — **SUNY Old Westbury**
How can we go from simple algebra (maybe a bit of trig) to a data science solution in 90 minutes? We go from a simple rating of music and jump to a recommender system not unlike early systems at Amazon or Netflix. The prerequisites are algebra.

46. The Martini Problem — **Robert Andersen (9-12, College)** — **Stony Brook University**
If you drink from a classic martini glass until the level is halfway down from the top, what percent of the contents remains? Same question with a classic wine glass. This involves a little calculus.

47. Demystifying AI: Practical Strategies for Math Teachers — **Subash Midha (General)** — **NYU/SAAWA**
AI is transforming math education. This session demystifies AI, showing what it is—and isn't—and explores practical ways it can enhance problem-solving, feedback, and engagement while supporting teachers and students alike.

48. Mentorship in Motion: Peer Learning to Build STEM Identity — **Maria Federico (General)** — **Island Trees School District**
Explore how peer modeling builds confidence, curiosity, and STEM identity. Learn practical ways to pair experienced students with younger peers to boost skills, reduce anxiety, and increase engagement in STEM.

49. Using AI to Personalize Lessons for All Learners — **Wendolyn Cordova/Leo Cordova (General)** — **Building Empowered Students Today**
Knowing specific prompts that can be used to be able to create an effective lesson plan for struggling learners by targeting their interests and intrinsic motivation.

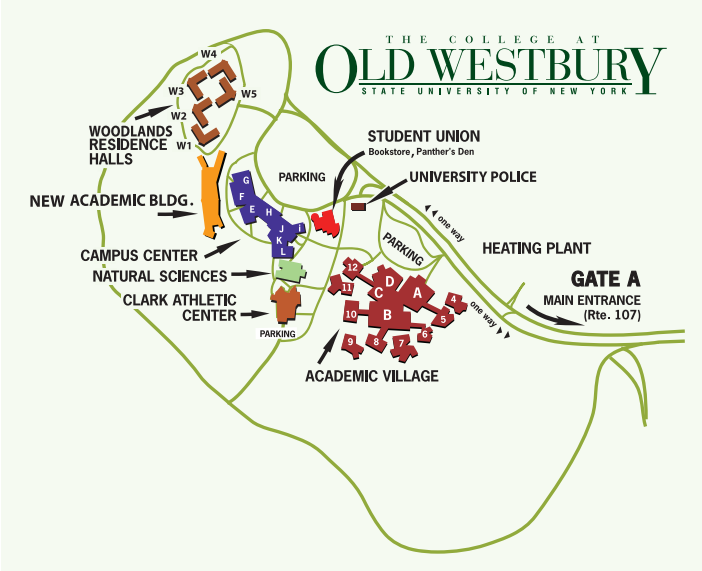
Directions to SUNY College at Old Westbury

BY CAR: SUNY College at Old Westbury is located immediately north of the Long Island Expressway (495) in the Village of Old Westbury, Long Island, approximately 30 miles east of New York City.

The main entrance to the College is located on the west side of Route 107 approximately one-half mile north of Jericho Turnpike.

BY TRAIN: The Long Island Railroad stops at the Hicksville station. Train schedule and route information are available from the LIRR, 516-822-LIRR. Bus service is available to and from the Hicksville station Monday through Friday. Bus schedule information may be obtained from the MTA Info Center, 516-222-1000.

BY BUS: The College is accessible by bus via MTA bus route N20, which travels between Main Street, Flushing and the Hicksville railroad station along Northern Boulevard and Route 107. The bus connects with other MTA buses at various connecting points along Northern Boulevard and elsewhere. Call the MTA Information Center (number above) for schedule and additional route information.



To register go to:
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When using a GPS device please make sure that it takes you to the main entrance off route 107.

Cost of Conference

Fee includes Continental Breakfast and Luncheon

Payment Options: Choose one that applies

$85 for members of one of the following – ATMNYC, NCAMS, or NCMTA

$95 for nonmembers

$45 for full-time students

There is a $10 additional fee to sign up on the day of the Conference

At the website you can select your preferred payment method

Credit Card via Eventbrite

School Purchase Order (PO)

Lunch Menu

#51 Chef Salad (no ham)

#52 Vegan/gluten free platter (baby spinach with roasted vegetables)

#53 Tuna Salad

#54 Egg Salad

#55 Chicken Salad

All meals will be served in a sealed lunch box along with additional condiments