

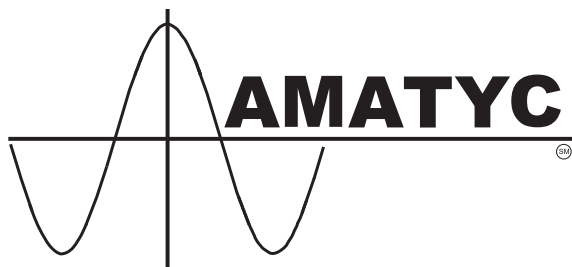
The American Mathematical Association of Two-Year Colleges

Las Vegas, Nevada

November 12-15, 2009

Hosted by
NevMATYC and the
West Region

Register online at
www.amatyc.org



Opening Doors Through
Mathematics

HIGH EXPECTATIONS



LAS VEGAS - 2009

35th Annual Conference

Riviera Hotel and Casino

2901 Las Vegas Blvd. South

Las Vegas, NV 89109

Reservations: 800.634.6753



American Mathematical Association of Two-Year Colleges

35th Annual Conference ✨ Las Vegas, NV

KEYNOTE SPEAKERS



Thursday Opening Session

Uri Treisman

*On Behalf of Our Students:
Building a New Science
of Instruction*

Thursday, November 12, 3:00 pm
Grande Ballroom A/B

Philip "Uri" Treisman returns to the opening session of the 35th Annual AMATYC Conference to enlighten us about the powerful advances that have been made in our core understanding of how people learn and the forces that shape why people choose to learn. His presentation sets out an agenda for melding this new knowledge of learning with effective practices on behalf of our students. He will challenge us to examine our own courses as he reviews past reforming of key introductory mathematics and statistics courses and then sketches important advances in social and developmental psychology, behavioral economics, and the learning sciences with a focus on what they suggest for the next round of course reform and improvement.

Treisman received a B.S. in Mathematics from the University of California, Los Angeles and completed his Ph.D. at the University of California, Berkeley. He is a professor of mathematics and of public affairs at the University of Texas at Austin and is the founder and executive director of the Charles A. Dana Center, an organized research unit in the University's College of Natural Sciences. His research and professional interests include education policy, mathematics and science education, and community service and volunteerism. Professor Treisman has received numerous honors and awards for his efforts to strengthen American education. For his work on nurturing minority student high achievement in mathematics, he was named a MacArthur Fellow 1992-1997. In December 1999, he was named one of the outstanding leaders of higher education in the 20th century by the magazine *Black Issues in Higher Education*. In February 2006 he was named "2006 Scientist of the Year" by the Harvard Foundation of Harvard University for his outstanding contributions to mathematics. Uri is an active member of several advisory boards and working groups concerned with increasing the rigor of secondary mathematics and science education. He serves on the advisory board of a new partnership of Achieve, the National Governors Association, and the Council of Chief State School Officers focused on ensuring that states are benchmarking their education policies and practices against best practices globally.



Saturday Awards Breakfast Session

Deborah Nolan

What a Coincidence!

Saturday, November 14
Breakfast Served: 7:45-8:00 am (**Ticket Required**)
Program: 8:30-10:00 am
Grande Ballroom A/B/C/D

We all have had students who feel that the laws of probability apply to everyone but them! Thinking about chance is counterintuitive for many people. The world is both surprisingly predictable and yet full of surprises. During this breakfast session, Deborah Nolan explores some typical pitfalls in probabilistic reasoning, ponders patterns in randomness, and sets the story straight with many fun and famous problems in probability. She hopes to uncover some of the basic misconceptions students have when learning probability, and to offer strategies for addressing these misconceptions. Roll up your sleeves and get ready to become an active learner as Nolan's talk will include a series of problems that will be presented (with visual aids), worked out, and generalized to basic teaching strategies in probability.

Deborah Nolan is Associate Dean of Mathematical and Physical Sciences and Professor of Statistics at the University of California, Berkeley. She has been recognized at Berkeley for excellence in teaching and student advising and is noted for working with and encouraging all students in their understanding of statistics. Professor Nolan is the author of *Stat Labs* with Terry Speed and *Teaching Statistics* with Andrew Gelman. Deborah is an organizer of a multi-campus summer program in statistics for undergraduates. She holds a Ph.D. in Statistics from Yale University, and her research has involved the empirical process, high-dimensional modeling, and technology in education.

SYMPOSIUM



Rosemary M. Karr and Jack Rotman

New Life for Developmental Mathematics

Session: Friday, November 13, 10:30 am
Workshop: Saturday, November 14, 10:45 am



What needs to happen to create meaningful, effective change in developmental mathematics programs? Are revisions needed in course content, instructional techniques, or both? Join your colleagues for a special symposium, "New Life for Developmental Mathematics," organized by AMATYC's Developmental Mathematics Committee (DMC). Rosemary M. Karr, Past President of the National Association for Developmental Education and 2007 U.S. Professor of the Year for Community Colleges, will be joined by AMATYC's own Jack Rotman, DMC Chair, to present two events, a two-hour introductory session on Friday followed by an implementation workshop on Saturday.

On Friday, Rosemary and Jack will outline a "New Life" course curriculum for the future that will serve the needs of developmental mathematics students regardless of their career goals. Draft course outlines will be presented, critiqued, and discussed. In addition, promising classroom strategies for teaching in current and future class and course situations will be discussed.

On Saturday, an implementation workshop will take the strategies and course outlines from the Friday session and design individual plans for implementation, as well as plans for department discussion and implementation of proposed course curricula. Participants will be guided through a process for designing a five-year implementation plan to achieve the basic changes called for in the "New Life" vision. Multiple faculty from each college are encouraged to attend the workshop.

FEATURED SPEAKERS

Ronald Yates and Patrick Villa

The Probabilities of Basic Sports Wagering

Friday, November 13, 2:15 pm



With beginner and intermediate bettors in mind, this workshop will examine some of the ways in which sporting events can be wagered upon, as well as the associated odds, probabilities, and expected values. Activities that allow participants to experiment with wagering will be included.

The workshop will open with a discussion of how to properly make a wager and how point spreads are established, then move into a discussion of straight bets on sides or totals. True odds, payouts and expected value will be examined. Probability, odds and expected value are topics that are covered in a variety of courses, including Liberal Arts Mathematics, Finite Mathematics, and Math for Elementary Teachers. This presentation will provide faculty with another area in which these topics can be explored.

Both Ronald and Patrick teach at the College of Southern Nevada and both admit to having a first-hand knowledge of sports wagering and gaming. Their workshop promises to be both entertaining and educational.



Allan Ackerman

Mathamagic

Saturday, November 14, Noon
Encore: Sunday, November 15, 9:25 am



Enjoy a mathematical magic show that will demonstrate mind-blowing effects using the commutative law of addition, the pigeonhole principle a.k.a. Dirichlet's Box, the binary number system, and mathematical induction. Several effects will be taught that can be used by attendees in

their own classrooms. Learn how to use a new tool, amazement, to demonstrate some of the elementary laws of mathematics while enjoying Allan's version of magic mixed in with mind reading, forecasting, and gaming.

Allan taught mathematics and computer science at the University of Nevada, Las Vegas, for 22 years before joining the faculty at the College of Southern Nevada in 2000 where he now teaches computer science and serves as the networking coordinator.

CONFERENCE PROGRAM

Following the title of each regular session and workshop you will find letter codes identifying the general categories that best describe the focus of the presentation. The first code listed designates the primary area of focus. We hope you find these codes helpful in developing your conference schedule. Please check the Program Key box for this year's featured categories and codes.

Thursday 7:50 am - 8:40 am

- S1 Apollonius and Normals to Parabolas (H, G, GE)**
John Thoo
- S2 Experiences from an Online Mathematics Center (SS, TT)**
Shannon Schumann, Ruth M. Geiman
- S3 The Best of Las Vegas: What to See and Do (G)**
Eric J. Hutchinson, Christina Hughes Roldan
- S4 Breaking News! Students Actually Do Their Algebra Homework (D, IS, TT)**
Ria Thomas, Annette Magyar
- S5 Professional Learning Communities for Mathematics Teachers (DI, G, RB)**
Frank E. (Trey) Cox
- S6 Oh Craps! Simple Probability in Gaming (GE, ST)**
Lance Phillips
- S7 Collaborative and Interdisciplinary STEM Math Teacher Development (IS, TT, A, C)**
Rodney F. Null, Beth Basista
- S8 Chi Square and ANOVA Concept Development Through Hands-on Simulations (ST, IS)**
Christopher D. Oehrlein
- S9 National Student Outcomes Database Provides Detailed Analysis Tools (A, RB, DI)**
Keith White

Thursday 9:00 am - 9:50 am

- S10 Infusing Sustainability into Your College Mathematics Classes (GE, G, C)**
Tracey Clancy
- S11 Infinite Fun in a Finite Math Class (MI, IS, TT)**
Nancy J. Rivers, Deborah S. Benton
- S12 A Simpler Way of Doing Mathematics Equations Online (TT)**
Calvin Williamson
- S13 Moving Developmental Mathematics into the 21st Century (D, DI)**
Gregory P. Graue, Janet E. Teegarden

- S14 Why It Should be $y=b+mx$, Not $y=mx+b$ (IS, GE)**
Daniel P. Fahringer,
2004 Project ACCESS Fellow: Christopher Yarrish
- S15 Tried and True Instructional Techniques for Teaching Mathematics (IS, D, TT, MI)**
Farajollah (Fred) Katiraie
- S16 AMATYC 101 – Enhancing Your First Conference Experience (G)**
Jane D. Tanner, Michael H. Hardie
- S17 What Can We Learn from Studying How We Talk in the Classroom? (RB, IS, G)**
Vilma Mesa

Thursday 9:00 am - 10:35 am

Themed Session

- T1 Assessment: One Facet of Placement and Assessment**
TIA Using a First-Day Diagnostic Test for Course Assessment (A)
Edward A. (Ed) Gallo

Las Vegas Program Key

- A Assessment (Classroom, Course, Program)
- C Connections (Articulation with K-12, Universities, Business, Interdisciplinary Classes, etc.)
- D Developmental Mathematics
- DI Department/Division Issues (Adjunct Issues, Mentoring New Faculty, etc.)
- G General Interest
- GE Mathematics for General Education (Finite Mathematics, Liberal Arts, Quantitative Literacy)
- H History of Mathematics
- IS Instructional Strategies (Learning Styles, Teaching Methodologies, including Modeling)
- MI Mathematics Intensive (College Algebra, Precalculus and Beyond)
- RB Research-Based
- SS Student Support (Math Labs, Study Skills, Tutoring, Learning Communities, and Addressing Math Anxiety)
- ST Statistics
- TP Teacher Preparation
- TT Teaching with Technology (Distance Learning, Computer Software, Internet Resources, Graphing Calculators, etc.)

The Best of Las Vegas: What to See and Do (S3)

7:50 am, Thursday, November 12 in Grande G

If you are bringing guests to the conference, this session is for them to learn what's happening outside the hotel. Encourage them to attend this session to hear from AMATYC spouses and other family members what they like to do in the city.

Thursday, November 12

- | | | | |
|-----|---|-----|--|
| T1B | Frequent Assessment – A Key to Retention (A)
Garrett Gregor | S19 | And the Textbook Is ... Free? Intro to Open Educational Resources (TT, IS, DI)
Barbara S. Illowsky |
| T1C | Gen Ed Assessment in Mathematics Courses: Finding What Works (A)
Teri Rysz, Margaret J. Hager | S20 | Got Math? Try the MathDL! (TT, H, MI)
Bruce W. Yoshiwara |
| T1D | “Explain Your Reasoning” – Assessing Through Writing (A)
<i>2009 Project ACCESS Fellow:</i>
Martha B. Makowski | S21 | Beware of Blue Boxes: Motivating Techniques in Calculus (MI, IS, RB)
Robert Cappetta |
| T1E | Configurable Assessment, Intelligent Grading – xyAlgebra (A)
John C. Miller | S22 | Tapping the Creative Energy of Adjuncts to Increase Student Success (DI, C, D, A)
Joyce Lindstrom, Dorrit O'Hallaron, Dot Peterson, Jackie Radle |

Thursday 9:00 am - 10:55 am

Themed Session

- | | | | |
|-----|--|-----|--|
| T2 | Making Connections to Algebra | S23 | A Study on a Developmental Mathematics Program that Suits All Students (D, RB, A)
Elizabeth Shearn, William Schildknecht |
| T2A | Solving Activities Using Algebraic Thinking (TP, IS)
Jane Hammontree | S24 | Recruiting and Retaining Women and Minorities as STEM Majors (C, G, IS)
Dennis C. Ebersole |
| T2B | Hike Mathland's Best Route via Arithmetic Canyon into Algebra Valley (TP, RB, TT)
June L. Gaston | S25 | Pennies, Dice & 1-Armed Bandits: Projects to Promote Math Appreciation (GE, G, H)
Michael Oppedisano, Candice H. Dance |
| T2C | MathARTS: A Collaborative Professional Project (TP, C)
Kathy Burgis, Angela Krebs | | |
| T2D | Math for Teachers in Developmental Classrooms (TP, D)
Darlene Winnington | | |
| T2E | Algebra Connections with Geometer's Sketchpad (TP, TT)
Claudia L. Stewart | | |
| T2F | Visual Algebra for the Elementary School Teachers (TP, IS)
Kendall V. Jacobs | | |

Thursday 9:00 am - 11:00 am

- | | | | |
|----|---|-----|---|
| W1 | GAISEing in Las Vegas (ST, IS)
Judy H. Williams, John R.F. Gallo | S26 | Reasoning and Connections: External Applications and Human Curiosity! (G)
Henry Kepner |
| W2 | Math in the Real World: Classroom Activities that Motivate Students (IS, MI)
Frank C. Wilson | S27 | Students' Perceptions of Unsuccessful and Successful Math Learning (D, RB, SS)
Laurel B. Howard |
| W3 | Expected Return as a Function of Time (and Space) (G, ST, H)
Don Hutchison | S28 | Blackjack with Mathematics (G, ST)
Michael Y. Greenwich |
| W4 | Expect Higher Online Learning with Contextual Active Learning (IS, TT, D)
Ken Hurley | S29 | Recruit Mathematics and Science Teachers (G, TP, DI)
Kathy Rogotzke, Jason Friday |
| W5 | Project-based Learning in Developmental Mathematics (D, IS, C)
Alan L. Bass, Terrie Teegarden | S30 | Hybrid Courses: Some Random Thoughts on Expectations and Outcomes (IS, TT)
Martha T. Goshaw |

Thursday 10:10 am - 11:00 am

- | | | | |
|-----|---|-----|---|
| S18 | Aids to Learning Logarithms (IS, RB, MI)
Linda Tansil | S31 | Technical Writing as a Vehicle to Learn Math (IS, A, G, C)
Jerry R. Kissick, Holli Adams |
| | | S32 | Aristotle and Mathematics (H, G, C)
David Price |
| | | S33 | Presenting New Prealgebra Topics in a Real-World Context (D, IS, TP)
Holly Bass |
| | | S34 | Real-Life Projects for Assessment in Gen Ed Math (Online & Classroom) (A, GE, TT)
Joseph J. Sukta |

Thursday, November 12

- S35 **Making Calculus Come Alive with Dynamic Visualization Tools (MI, TT, RB)**
Paul E. Seeburger
- S36 **PC: The Ultimate Tool for Teaching and Learning Mathematics (TT, IS)**
Fred Feldon
- S37 **Yes, You Can Create Simple Video Presentations for Your Classes (TT, IS)**
2007 Project ACCESS Fellow: Mark Monroe

Committee Meeting

11:20 am - 12:10 pm
Developmental Mathematics

Thursday 12:30 pm - 1:20 pm

- S38 **The ADP Assessment Consortium: Lessons Learned and the Road Ahead (C, A)**
Tracy Halka
- S39 **Developmental Mathematics Redesign: What Do They Need to Know? (D, IS, SS, DI)**
Timothy (Tim) Britt
- S40 **Use of Statistics in the Engineering Workplace (ST, C)**
William G. Steenken
- S41 **Data: Not Just a Lot of Numbers (IS, TT)**
James Stewart, Lothar Redlin, Saleem Watson
- S42 **Uncommon Approaches to Some Common Calculus Problems (MI)**
Steven J. Kifowit, Terra A. Stamps
- S43 **Four Perspectives on the Teaching of Mathematics (M. A. T. H. Method) (IS, H, MI)**
Jeffrey T. Weaver
- S44 **Aviation Mathematics (G, C)**
Dona V. Boccio
- S45 **Links to Literacy (D, IS, TP)**
MaryAnne Anthony, Lynn Marecek
- S46 **An International Perspective on Assessment (A, RB)**
Marie H. Hipple

Committee Meeting

12:30 pm - 1:20 pm
Mathematics for AAS Programs

Thursday 12:30 pm - 2:00 pm

Please see page 24 for complete details.

- C4 **Carnegie Learning, Inc.: Redesigning Developmental Mathematics to Produce Lifelong Learners**
Amy Tankersley

Thursday 12:30 pm - 2:30 pm

- Q1 **Department/Division Chairs' Colloquium (DI)**
Anne Dudley, Sean Simpson
- W6 **Advanced Strategies for Craps and Poker (ST, G)**
Billy J. Duke, Joel A. Johnson
- W7 **How "Algebrese" Influences Your Students' Understanding of Algebra (D, IS, G)**
Robert D. Brown, Sherri L. Wilson
- W8 **Two Fractal Pop-Up Cards (MI, IS, H)**
Virginia Swenson
- W9 **Classroom Assessment Techniques for Improving Teaching and Learning (A, IS, RB)**
Beverly A. Meyers

Thursday 1:40 pm - 2:30 pm

- S47 **AMSER - Using Our Free Online Applied Math Resources in the Classroom (TT, G, SS)**
Rachael Bower, Chanda Halderman
- S48 **Success with Developmental Mathematics in a Small Learning Community (IS, D, SS, RB)**
Arlene G. Rogoff
- S49 **Real-World Applications for Intermediate Algebra (D, IS)**
Susan W. Santolucito
- S50 **What No "Alt" Tags? MathML: The Standard for Online Mathematics (TT)**
Cal Stanley
- S51 **Reading and Math - Vocabulary Knowledge Counts! (IS, RB)**
2005 Project ACCESS Fellow: Amber H. Rust
- S52 **Public-Key Cryptography (MI, G, H)**
Richard N. Aufmann
- S53 **Lead and Links (D, TT, IS)**
Doug Nering, Joanna J. Oberthur
- S55 **America's Idol? How the Contestant Most Voted for Doesn't Always Win (ST, TT)**
Jason Gershman

Committee Meeting

1:40 pm - 2:30 pm
Placement and Assessment

Thursday 3:00 pm - 4:30 pm

Opening General Session

Grande Ballroom A/B

Remarks by

Richelle (Rikki) Blair, AMATYC President

Speaker: Uri Treisman

On Behalf of Our Students: Building a New Science of Instruction

Thursday 4:45 pm - 7:30 pm

Grand Opening of the AMATYC Exhibits

Grande Ballroom E/F

Thursday 7:00 pm - 8:00 pm

AMATYC Forums

Royale 3

(see page 22 for complete description)

7:00 pm - 7:30 pm

Combining the Constitution and Bylaws

Moderators: Nancy Sattler, Ruth Collins, and Jean Woody

7:30 pm - 8:00 pm

Forum on Strategic Planning

Moderator: Rob Farinelli

Thursday 8:30 pm - 10:00 pm

AMATYC Foundation Presents

“Legerdemain in Las Vegas”

with Master Magician Phil Cheifetz

\$35/person (Ticket Required)

Top of the Riviera-South

See page 22 for details.

Places to Visit in Las Vegas

- ◆ Atomic Testing Museum
- ◆ Ethel M Chocolate Factory
- ◆ Fiesta Ice Arena
- ◆ Fremont Street Experience
- ◆ Las Vegas Art Museum
- ◆ Las Vegas Mini Gran Prix
- ◆ Las Vegas Natural History Museum
- ◆ Las Vegas Sportspark
- ◆ Liberace Museum
- ◆ Lied Children’s Museum
- ◆ Marjorie Barrick Museum of Natural History
- ◆ Neon Boneyard Museum
- ◆ Nevada State Museum
- ◆ Old Mormon Fort
- ◆ Pole Position Raceway
- ◆ Planetarium and Observatory
- ◆ Red Rock Climbing Center
- ◆ Richard Petty Driving Experience
- ◆ Springs Preserve
- ◆ Sunset Stampede
- ◆ Zero G

◆◆Check the website, www.vegas.com, for more information on what to do in Las Vegas.◆◆

Wireless High-Speed Internet Service (WiFi)

WiFi is available in the guest rooms for a charge of \$9.95 per twenty-four hour period. See the AMATYC Conference website for details.

Reception for First-Time Attendees

6:00 pm - 7:00 pm

Everyone attending an AMATYC conference for the first time is invited. Please check “YES” on the top of your registration form. Come and get acquainted with your colleagues and with AMATYC.

Registration Acknowledgement

Every registration form received in the AMATYC Office is acknowledged within 10 days by an email confirmation that includes a receipt number. If you do not receive an email acknowledgement, please contact the AMATYC Office immediately. A copy of this acknowledgement, presented to the on-site registration desk, will serve as proof your registration was submitted on or before the discount deadline.

An official receipt will be mailed once the registration form has been processed. **Please print a copy of your email confirmation and bring it with you to the conference, especially if you do not receive your official receipt in the mail before leaving for the conference.**

Friday 7:45 am - 9:45 am

Regional Meetings* & Buffet Breakfast

- Northeast - Jane Tanner
- Mid-Atlantic - Ruth Collins
- Southeast - Donna Saye
- Midwest - Jim Trefzger
- Central - Joe Gallegos
- Southwest - Jean Woody
- Northwest - Stefan Baratto
- West - Mike Hardie

Breakfast Served: 7:45 am - 8:15 am

✦ **Ticket Required for Breakfast Portion** ✦

*States, provinces, and territories for each region will be listed in the conference program.

For a description see page 22.

Friday 9:45 am - 10:30 am

Visit the publishers and other exhibitors—talk to sales representatives, authors, and editors!

Friday 10:30 am - 11:20 am

- S56 Implementation of an NCAT Redesign Alliance Project in College Algebra (IS, SS, TT, RB)**
Robert L. Carson, Rebecca Kendrick, Paula Kessler, Jennifer Szczesniak
- S57 The Calendars of the Maya (GE, H, G)**
Ximena Catepillan, Waclaw Szymanski
- S58 Free Online Mathematics Assessment and Course Management System (TT, A, IS)**
David Lippman, Melonie Rasmussen
- S59 It's Not Your Mother's Calculus Anymore! (MI, TT)**
Jim Langley, William A. (Bill) Parker, Jerry R. Kissick
- S60 Reality Shows, Game Shows, and Mathematics (G, GE)**
2005 Project ACCESS Fellow: Marcial L. Echenique,
Alan Lebovitz, Susan J. Grody, Christie Heinrich, Karen S. Walsh
- S61 Is There Ever Enough Time to Get It Done Well? Letting Technology Help (TT, A, D)**
Connie Rost
- S62 At Least – At Most (IS, MI)**
Gerald Busald

S63 Mathematical Heresy (G, H, GE)
Frank Weidenfeller

S64 MAC 'n MOD (C, IS)
Carol Hay, Jessie W. Klein

Friday 10:30 am - Noon

Please check the Conference Program for complete details.

C5 Pearson Education

C6 McGraw-Hill Higher Education

Friday 10:30 am - 12:30 pm

Y1 New Life for Developmental Mathematics: Symposium (D, DI, C)
Rosemary M. Karr, Jack Rotman

W10 Research in Mathematics Education: New Direction for Two-Year Colleges (RB, IS, A)
April Strom, Ann M. Sitomer, Mark Yannotta, Amy K. Volpe

W11 GAISEing with Prospective Elementary and Middle-Level Teachers (TP, ST)
Mary M. Sullivan

W12 Using Mathematics to Know When to Hold'em and When to Fold'em (G, ST, GE)
Michael Kinter

W13 Variation Rules: How Randomness Affects Our Lives (ST, TT)
Brian E. Smith, Marty Triola

W14 It Is a Sure Bet. The Appropriate Use of Technology Deepens Understanding (TT, IS)
Robert L. Kimball, Jr.

Friday 10:30 am - 4:45 pm

**Commercial Product Presentations by AMATYC Exhibitors
AMATYC Exhibit Hall**

AMATYC exhibitors will conduct 30-minute presentations in the Exhibits Area on their products. The presentations' titles, descriptions, and speakers will be given in the conference program and displayed in the Exhibit Hall. Be sure to check which companies will be presenting and which new products will be demonstrated. Make plans to attend one or all.

Friday 11:45 am - 12:35 pm

S65 How Mathematics Transforms the World (G, H)
Gary K. Rockswold

S66 Recreational Mathematics–Mathemagics! (G, GE, TP)
Jeganathan Sriskandarajah

Friday, November 13

- S67 Web-Enhanced, Blended or Online: Do Options Increase Student Success? (TT, RB)**
2005 Project ACCESS Fellow: Marcial L. Echenique, Mariana C. Coanda
- S68 A No-Cost, Custom Built Alternative Assessment/ Placement System (A, G)**
Pam Reising, David Lippman
- S69 Comparison Study of College Mathematics Placement Strategies (A, RB, DI)**
Victoria Ingalls
- S70 Publish Your Great Idea as an Article in MathAMATYC Educator! (G)**
Peter R. Wildman
- S71 Fractals: Basic Theory, Applications, and Calculator Implementations (GE, G, C)**
Thomas L. Pirmot
- S72 STEM Transitions: Integrated, Interdisciplinary Projects (C, D, MI)**
Amy L. Naughten, Bonnie Renard
- S73 Faculty Math League Contest (MI, G)**
Steven Blasberg, Susan R. Strickland
- S80 Using a Practicum to Train Tutors for Developmental Mathematics (SS, TP, D)**
Laura Bracken
- S81 Improving Student Performance in Developmental Mathematics Courses (D, IS)**
Wade Ellis, Jr.
- S82 Teaming Social Research and Statistics (ST, RB, C, IS)**
Angela Stabley, Melody McMurry
- S83 Do Attitudes of Developmental Students Toward Mathematics Matter? (RB, D)**
Godwin Y. Dogbey, Gregory D. Foley
- S84 Affiliate Sharing Session (G, DI)**
Benjamin Moulton,
2005 Project ACCESS Fellow: James (Rob) Eby
- S85 A Simple Method to Solve Nonhomogeneous Differential Equations (MI, IS)**
Nirmal Devi
- S86 Using Technology to Dismiss Common Misconceptions – Quadratic Modeling (TT, IS)**
Kimberly Johnson
- S87 Corraling Ideas for Optimization (IS, MI, TT)**
Lalu Simcik

Friday 12:30 pm - 2:00 pm

Please check the Conference Program for complete details.

- C8 Pearson Education**
- C9 McGraw-Hill Higher Education**

Please see page 24 for complete details.

- C10 Hawkes Learning Systems: Improving Student Performance with Mastery-based Software**
Emily Cook

Friday 1:00 pm - 1:50 pm

- S74 A Modeling-based College Algebra Course for Technical Students (MI, IS, TT)**
Gary M. Simundza
- S75 Using Interdisciplinary Courses to Teach Mathematical Applications (C, IS)**
Brian J. Murphy, Meg Onoda
- S76 Best of the Educational Technology Freebies (TT, TP, DI)**
Maria Andersen
- S77 Improving Student Success via Online Assessment Systems - Pros & Cons (A, TT, IS)**
Colleen Quinn, Lynda Graham, Carol Ann Waite
- S78 Lessons from the History of Mathematics (H)**
David Bressoud
- S79 Developing Quantitative Literacy (GE, IS)**
Brian Beaudrie, Barbara Boschmans

Friday 2:15 pm - 3:05 pm

- S88 The Role of Mathematics in Student Success: A Pump or a Filter? (G, DI, D)**
2008 ME Award Recipient: Susan S. Wood, Donna Jovanovich, Sarah J. Martin
- S89 Fostering Conceptual Understanding in a Developmental Algebra Classroom (D, IS)**
Gowribalan A. Vamadeva

Las Vegas Program Key

A	Assessment (Classroom, Course, Program)
C	Connections (Articulation with K-12, Universities, Business, Interdisciplinary Classes, etc.)
D	Developmental Mathematics
DI	Department/Division Issues (Adjunct Issues, Mentoring New Faculty, etc.)
G	General Interest
GE	Mathematics for General Education (Finite Mathematics, Liberal Arts, Quantitative Literacy)
H	History of Mathematics
IS	Instructional Strategies (Learning Styles, Teaching Methodologies, including Modeling)
MI	Mathematics Intensive (College Algebra, Precalculus and Beyond)
RB	Research-Based
SS	Student Support (Math Labs, Study Skills, Tutoring, Learning Communities, and Addressing Math Anxiety)
ST	Statistics
TP	Teacher Preparation
TT	Teaching with Technology (Distance Learning, Computer Software, Internet Resources, Graphing Calculators, etc.)

Friday, November 13

- S90 **Student Indicators for Success or Failure in Developmental Mathematics (D, RB, SS)**
Gail Small Ferrell
- S91 **Linear Cornerstones: Connecting Concepts and the Real-World (A, IS)**
Lisa Cohen, Scott Krise, Sidra I. Van De Car
- S92 **Mathematics Teacher Education: Current Issues and Perspectives (TP, C)**
Barbara J. Reys
- S93 **Quantitative Literacy: Reaching and Teaching Today's Students (GE, IS)**
Patty Amick, Gerald L. Marshall
- S94 **AMATYC 201 - Professional Opportunities Through AMATYC (G)**
Ruth Collins, Donna B. Saye
- S95 **No Teacher Left Behind (TT, IS)**
Sandra M. Villas
- S96 **Dynamics of Interactive Algebra Instruction (D, IS)**
2005 Project ACCESS Fellow: Mark Marino

Friday 2:15 pm - 4:15 pm

- W16 **Hit the Jackpot with Geometry: Geometric Ideas for Preservice Teachers (TP)**
Andy D. Jones, Joanne O. Weinberg,
Leslie M. Wojciechowicz
- W17 **Pass the Chalk and Learn! (IS, D, MI)**
Paula L. McKenna, Vicki L. Gearhart
- W18 **The Probabilities of Basic Sports Wagering (GE)**
Featured Speakers: Ronald W. Yates and Patrick L. Villa
- W19 **Nonparametric Statistics Using Excel (ST, TT)**
Barry Woods

Friday 2:30 pm - 4:00 pm

Please check the Conference Program for complete details.

- C11 **Pearson Education**
- C12 **Academic Success Press**

Please see page 24 for complete details.

- C13 **Hawkes Learning Systems: Improving Student Performance with Mastery-based Software**
Emily Cook

Friday 2:30 pm - 4:15 pm

- PS1 **AMATYC Committees and Grant Proposals Poster Session – See Ideas! (G)**
See page 24 for a list of posters.

Friday 3:30 pm - 4:20 pm

- S97 **Link Reading and Mathematics for Increased Success (D, IS, SS, RB)**
Helen (Honey) Kirk
- S98 **Math Intensive Majors (MIM) – A Critical Thinking Approach (MI, C)**
Manuel J. Escobar, Claudia Verdin, Javier Guerra
- S99 **Algebra2go: An Online Supplemental Instruction Tool Array (TT, D, IS)**
Lawrence D. Perez
- S100 **Shortcut to College: Preparing Students in an Early College High School (C, RB, SS, DI)**
2009 Project ACCESS Fellow: Katie Cerrone,
Mona Kotran, Darlene Hensley
- S101 **A Sure Bet! Promising Practices that Deepen Student Learning (IS, TT)**
Robert L. Kimball, Jr.
- S102 **What Every College Graduate Should Know and How Curve Fitting Is Key (D, IS, TT)**
Jay Lehmann
- S103 **Teaching Instead of Instructing: How a Hybrid Course Got Us There (D, IS, TT)**
Jim Sheff
- S104 **Using Screencasts and Podcasts to Digitize Lectures (TT, G, IS)**
Don Davis
- S105 **Clashing Symbols: A Study of the Use of Multiple Meaning Math Symbols (RB, G, TP)**
Joseph Phillips

Friday 4:30 pm - 5:30 pm

Committee Meetings

4:30 pm - 5:30 pm

Division/Department Issues
Innovative Teaching and Learning
Mathematics for AAS Programs
Mathematics Intensive/College Mathematics
Placement and Assessment
Research in Math Education in Two-Year Colleges
Teacher Preparation

Saturday 7:45 am - 10:00 am

Saturday Awards Breakfast Session

Breakfast Served: 7:45 am - 8:00 am*

(*Ticket Required)

Program: 8:30 am - 10:00 am

Presentation of Awards

Richelle (Rikki) Blair, AMATYC President

Speaker: Deborah Nolan

What a Coincidence!

Saturday 10:00 am - 10:45 am

Visit the publishers and other exhibitors—talk to sales representatives, authors, and editors!

Saturday 10:45 am - 11:35 am

- S106 **Hua Loo-keng and the Movement of Popularizing Mathematics in China (H, G)**
2005 Project ACCCESS Fellow: Jean William Richard
- S107 **Video-based Analysis of Lesson Structures (RB, IS, TP, G)**
Lasse Savola
- S108 **E-Learning and Mathematics: Are Our “High Expectations” Being Met? (TT, A, DI)**
2004 Project ACCCESS Fellow: Laura Watkins
- S109 **Serving Students with Disabilities: Strategies for the Classroom (IS, G, SS)**
Sherri A. Messersmith, Jackie Reuland
- S110 **Final Answer? (D, IS, A)**
2008 Project ACCCESS Fellow: Annette G. Cook
- S111 **Think Outside the Budget (TT, IS)**
Alison J. Schubert, Anne Magnuson
2007 Project ACCCESS Fellow: John Robert Bakken
- S112 **The Mathematics of Football’s BCS: “High Expectations” Not Met (G, GE, IS)**
Randy Taylor, Stephen A. (Steve) Krevisky
- S113 **San Antonio College Algebra Consortium (C, DI)**
Betty Travis

Saturday 10:45 am - 12:15 pm

Please check the Conference Program for complete details.

C14 **Pearson Education**

Saturday 10:45 am - 12:45 pm

- W20 **Implementing the New Life Vision of Developmental Mathematics (D, DI, C)**
Symposium Workshop: Rosemary M. Karr, Jack Rotman
 - W21 **Formative Assessment to Improve Student Learning (A, IS, MI)**
Shelly Ray Parsons
 - W22 **The Top Ten Things Students Have Trouble with in Statistics (ST, IS)**
Patrick J. (Pat) Averbeck, Deborah J. Rumsey
 - W23 **Making Connections to Algebra in the Teacher Preparation Classroom (TP, D, IS)**
Darlene F. Winnington
 - W24 **Intermediate Algebra = College Algebra???**
(IS, G, DI)
Scott L. Adamson
 - W25 **Excel at Note Taking (IS, TT)**
Agnes Azzolino
- Committee Meeting**
10:45 am - 12:45 pm
2010 Conference Planning
- Saturday Noon - 12:50 pm**
- S114 **Mathamagic (G)**
Featured Speaker: Allan Ackerman
 - S115 **And the Statistical Answer Is! (ST)**
John L. Climent
 - S116 **Developing and Using Webpages to Assist Student Learning (TT, MI)**
Claude S. Moore
 - S117 **Wyoming’s Wind River Statistics (GE, C)**
Valerie Harris
 - S118 **A Simpler Way to Make Your Own Test Database (A, DI)**
Paul W. Jones II
 - S119 **Infusing Science into Mathematics Courses (C, IS, G, DI)**
Kathy Rogotzke, Craig Zoellner
 - S120 **Euclid, Fermat, Gauss, and Geometric Constructions (H, TP)**
Patricia L. Johnson

Saturday, November 14

- S121 Online Placement Exam Case Study from the University of Illinois (RB, A, TT)
Alison Ahlgren, Marc Harper

Saturday 1:00 pm - 2:30 pm

Please check the Conference Program for complete details.

- C16 Pearson Education

Saturday 1:15 pm - 2:05 pm

- S122 Structuring the Out-of-Class Experience in Introductory Statistics (ST)
Roxy Peck
- S123 Equity Challenges – PK-16: A Shared Look at Issues (C, G)
Henry Kepner
- S124 Tablet PCs: A Flexible Tool for Mathematics Instruction (TT, IS, SS)
Michael Lafreniere, Gregory D. Foley
- S126 Revisiting the Function at the Shopping Junction (MI, IS)
Yojana V. Sharma
- S127 “The Grapes of Math”: Investigating Mathematics in Literature (G, GE, D)
Julie M. Miller
- S128 Achieving High Expectations from Adjunct Faculty (DI, D, RB)
Benjamin Moulton, Clay Brown
- S129 A Sure Bet to Improve Placement (D, A, RB)
William W. Coe, Suzanne Williams, Debra M. Moses, Jane M. Weber
- S130 Teaching Preservice Elementary Teachers with GeoGebra (TP, TT)
Clare C. Banks, Costel Ionita

Committee Meeting

1:15 pm - 2:05 pm

Innovative Teaching and Learning

Saturday 1:15 pm - 3:15 pm

- W26 The Chinese Abacus and Number Sense (GE, H, G)
Cheryl Ooten
- W27 How Can I Incorporate the Appropriate Use of Technology in My Classes? (TT, D)
Brian Mercer, James W. Hall
- W28 Using Model-Eliciting Activities to Teach Statistics (ST, IS, RB)
Robert delMas
- W29 Powerful PowerPoints to Make Mathematics More Meaningful (TT, IS, GE)
John W. Coburn

Saturday 2:30 pm - 3:20 pm

- S131 Professional Development that Promotes Best Teaching Practices (IS, DI, TT)
James E. (Jay) Martin
- S132 Quick and Fun Activities for Preservice Teacher Courses (TP, GE, IS)
Terra A. Stamps, Kevin R. Marks
- S133 Recording and Uploading Lectures: So Easy a Caveman Can Do It! (TT, IS)
Angie L. Schirck-Matthews
- S134 Grant Encourages Instructors to Develop Online Courses for NC (TT, IS, A)
Cheryl Keeton
- S135 Simplify! A Successful Approach for Teaching Developmental Mathematics (D, IS)
Tammy German, Cindy Alder
- S136 High Anxiety of the Math Variety: A Video (SS, G, TT)
Nina S. Bohrod, Sasha (Alexandra) Verkhovtseva, Candace L. Blazek
- S137 Soda vs Juice Wars: Is the Sugar Content Significantly Different? (ST, IS, TT)
Donald E. Munsey, Jr.
- S138 Teaching Study Skills in a Developmental Mathematics Class (D, SS)
George Woodbury
- S139 Self-Assessment and Review Through Group-Testing (A, IS)
Kari Arnoldsen, Omel Contreras

Saturday 4:30 pm - 6:30 pm

Delegate Assembly

Grande Ballroom A

Delegates are to be seated by 4:15 pm.

Boston 2010

Program proposals to present in Boston can be submitted at the AMATYC website, www.amatyc.org, beginning November 1, 2009. Mark your calendar **now** to go to the AMATYC website to submit your proposal. The deadline for submitting a proposal to present a session or workshop in Boston is **February 1, 2010**.

Sunday 8:15 am - 9:05 am

- S140* **How Mathematics Transforms the World (G, H)**
Gary K. Rockswold
- S141 **Lessons from Home Bingo Game Cards (G, GE, ST)**
Alice M. Kaseberg
- S142 **Using e-Portfolios in a Quantitative Reasoning Course (GE, IS, A)**
Suzanne M. Topp
- S143 **Strategies for Motivating Developmental Mathematics Students (D, IS, SS)**
E. Lynn Kwiatkowski-Egizio
- S144 **Improving Successful Completion Rates of Online Math Classes (TT, IS)**
Howard S. Speier, Maria Wise

Sunday 9:25 am - 10:15 am

- S145* **Structuring the Out-of-Class Experience in Introductory Statistics (ST)**
Roxy Peck
- S146* **Mathamagic (G)**
Featured Speaker: Allan Ackerman
- S147 **A Non-Intimidating Introduction to the Concept of a Function (IS, GE, MI)**
Matthew W. Funk
- S148 **Engaging Developmental Algebra Students Using Multiple Representations (TT, D, IS)**
Roberta M. Pardo
- S149 **A Journey in Developmental Mathematics at Mohave Community College (D, DI, RB)**
2004 Project ACCCESS Fellow: Eric Aurand,
Timothy B. (Tim) Mayo, Clark D. Brown, Richard Bullock

*Encore Presentation

Sunday 10:30 am - 11:15 am

Closing Session

Richelle (Rikki) Blair, AMATYC President
Capri 101

- ✦ Conference wrap-up
- ✦ Report on Delegate Assembly actions
- ✦ Opportunities to get more involved in AMATYC
- ✦ Preview of next year's conference in Boston
 - ✦ Passing the Gavel
 - ✦ Adjournment

Las Vegas Program Key

- A Assessment (Classroom, Course, Program)
- C Connections (Articulation with K-12, Universities, Business, Interdisciplinary Classes, etc.)
- D Developmental Mathematics
- DI Department/Division Issues (Adjunct Issues, Mentoring New Faculty, etc.)
- G General Interest
- GE Mathematics for General Education (Finite Mathematics, Liberal Arts, Quantitative Literacy)
- H History of Mathematics
- IS Instructional Strategies (Learning Styles, Teaching Methodologies, including Modeling)
- MI Mathematics Intensive (College Algebra, Precalculus and Beyond)
- RB Research-Based
- SS Student Support (Math Labs, Study Skills, Tutoring, Learning Communities, and Addressing Math Anxiety)
- ST Statistics
- TP Teacher Preparation
- TT Teaching with Technology (Distance Learning, Computer Software, Internet Resources, Graphing Calculators, etc.)

AMATYC Academic Committees

Contact the chair of a committee that interests you for advance information about committee activities at the conference. AMATYC committees are open to all, very active, and complete much of their work at the annual conference. The committees listed here welcome your participation and input.

Developmental Mathematics

Jack Rotman, rotmanj@lcc.edu

Division/Department Issues

Anne Dudley, anne.dudley@gmail.maricopa.edu

Innovative Teaching and Learning

Mary Beth Orrange, orrange@ecc.edu

Mathematics for AAS Programs

Jesse Williford, ljwilliford@waketech.edu

Mathematics Intensive/College Mathematics

Klement Teixeira, kteixeira@bmcc.cuny.edu

Placement and Assessment

Connie Buller, cbuller@mccneb.edu

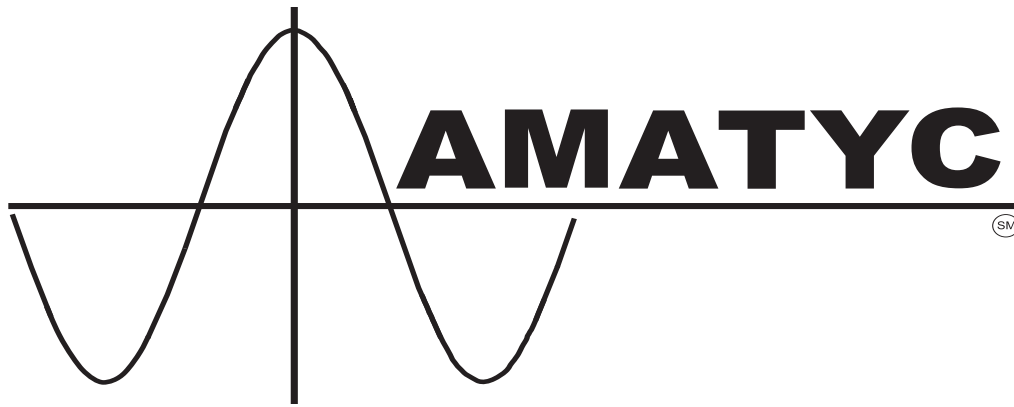
Research in Math Education in Two-Year Colleges

April Strom, april.strom@sccmail.maricopa.edu

Teacher Preparation

Darlene Winnington, dwinning@dtcc.edu

Attendees interested in workshops W14, W19, W25, or W29 are encouraged to bring their laptops.



Vision Statement

Opening Doors Through Mathematics

Core Values

These are the Core Values that guide AMATYC's internal and external interactions with each other and our community (in alphabetical order):

Academic Excellence, Access, Collegiality, Innovation, Integrity, Professional Development, Teaching Excellence

Mission Statement

The American Mathematical Association of Two-Year Colleges (AMATYC) mission is to promote and increase awareness of the role of two-year colleges in mathematics education, and to:

- ◆ Ensure the preparation of scientifically and technologically literate citizens who are capable of making educated decisions, who have skills needed by business and industry, and who will continue to educate themselves;
- ◆ Lead the development and implementation of curricular, pedagogical, and assessment standards for two-year college mathematics education;
- ◆ Assist in the preparation and continuing professional development of a competent and diverse mathematics faculty skilled in a variety of teaching and learning techniques;
- ◆ Serve as a network for communication, policy determination, and action among faculty, affiliates, and other professional organizations; and
- ◆ Communicate two-year college mathematics perspectives in public, business, and professional sectors.

Adopted April 18, 2004

Instructions for Completing Registration Form

- 1. One registration form per person**

Form may be duplicated. No phone registrations. **You are encouraged to register online at www.amatyc.org.**
- 2. Member versus Non-member Rate**

The non-member rate does not include an AMATYC membership. If you desire to attend the conference **and** become a member of AMATYC, then select the AMATYC member registration category and select a dues rate. Dues rates are as follows:

Active	\$80 per year/\$155 for 2 years/ \$225 for 3 years
Adjunct	\$40 annual dues
Retired	\$40 annual dues
Student	\$10 annual dues (full-time student sponsored by AMATYC member)

Dues coupon: If you are renewing your dues with your conference registration and have a \$50 AMATYC coupon you wish to use, enter the coupon receipt number (found on the left-hand side of the coupon) in the appropriate space allocated on the registration form or the online system.

If you are unsure of your membership status, look at the mailing label on the back of your miniprogram. You will see a member number and expiration date. If the prefix is "A", "J", "R", "P", or "S" and has an expiration date of 11/30/09 or later, you are presently an active member in good standing and should register as an AMATYC member. If your expiration date is prior to 11/30/09, you will need to include your dues payment with your conference registration or register as a non-member.

If the prefix is "P" and no expiration date appears, then you are not an AMATYC member. Should you desire to become an active member, then select the appropriate AMATYC member registration category and the applicable dues rate. If you only want to attend the conference and not be an active member, then select the non-member registration category.

If the prefix is "I", see the instructions emailed to the Institutional Member contact person. If you do not know who that is or do not have access to the information, call or email the office.

Should a label not appear or if you are unsure of your membership status, please call or email the office for verification.
- 3. First-Time Attendee (FTA) Discount**

If you have never attended an AMATYC conference, you are eligible to apply a \$50 credit toward your registration fee. Be sure you check YES to the "Is this your first conference?" question at the top of the registration form or at the beginning of the online registration process. *[This credit is only available to first-time conference attendees and is not transferrable to any other person.]* If you are not sure you qualify for this credit, please contact the AMATYC Office to verify.
- 4. Single-Day Rate**

You may select **only one** day – Thursday, Friday, or Weekend (Saturday/Sunday). Member and Non-member rates apply. Single-day registration does not include tickets for food functions.
- 5. Foundation Donations**

Please consider making a donation to the AMATYC Foundation, either by attending the fascinating Foundation-sponsored Magic Show (see page 6 or 22) and/or by making a separate donation. You can make contributions on the conference registration form. Any donations made with the conference registration, except for the Magic Show, are eligible for the on-site drawing in Las Vegas. Bring your conference receipt to the registration desk for assistance.

AMATYC is a 501(c)(3) charitable organization, and all Foundation donations are deductible to the extent provided by law.
- 6. Saturday Breakfast Choices**

Non-vegetarian:	includes meat serving
Vegetarian:	low-fat/vegetarian
- 7. Guest Tickets/Single-Day Registrants**

A guest can be registered at no cost provided the guest is not a mathematics educator or author. Guest registration does not include attendance at workshops or the special functions – Friday Buffet Breakfast and Saturday Awards Breakfast. Special function tickets can be purchased for your guest. **Your conference registration fee includes one ticket for each special function, unless you register for a single-day only.** Purchase a ticket only if you are a single-day registrant or if you would like a ticket for your guest.
- 8. Deadlines**

To qualify for the discount rate, if submitted via mail, registration form with payment must be postmarked on or before September 30, 2009. If submitted via the web or faxed, the completed registration form must be received on or before October 7, 2009. Registrations that do not meet these deadlines will be processed at the regular rate.

Do not mail the registration form after October 7, 2009. **Do not fax** registration form with credit card information or register online after October 14, 2009. **After these dates, registration will be available on-site only.**
- 9. Refund Policy**

A refund of 100% of your registration fee less a \$10 service fee will be given upon receipt of a written request postmarked by **October 28, 2009**. A 50% refund less a \$10 service fee will be given if your written request is postmarked on or after October 29, 2009, and by November 11, 2009. No refunds will be given for requests postmarked on or after November 12, 2009. Requests for return of overpayments must be in writing and received by the AMATYC Office no later than December 15, 2009. All requests should be sent to the AMATYC Office. Refunds for registration fees will be processed four to six weeks after the conference according to the refund policy outlined above.
- 10. AMATYC Mailing Lists**

AMATYC sometimes provides a mailing list to external agencies on a one-time-use basis if the information to be distributed would be of interest to AMATYC members. If you check the block indicating you wish your name excluded from any non-AMATYC mailing lists, your mailing information will not be provided to external agencies.
- 11. ADA Accommodations**

AMATYC is committed to serving all conference attendees who have disabilities and adheres to the guidelines set forth in the Americans with Disabilities Act (ADA). Attendees requiring special accommodations should contact Beverly Vance before November 5, 2009, at 901.333.4643 or bvance@amatyc.org.
- 12. If you have any questions, please contact the AMATYC Office at 901.333.4643 or by email at amatyc@amatyc.org.**

American Mathematical Association of Two-Year Colleges

35th Annual Conference • Register online at www.amatyc.org

➤ Extended Discount Registration Deadline ◀◀

To qualify for the discount rate, registration form with payment must be postmarked, if submitted via mail, on or before September 30, 2009. If submitted via the web or faxed, the completed registration form must be received on or before October 7, 2009.

Is this your first AMATYC conference? Yes No
 If first conference, you are encouraged to attend "AMATYC 101—Enhancing Your First Conference Experience" and the reception for first-time attendees. (See page 21 for details.)

Name _____
 Please type or print legibly.

Member ID# _____
 See membership card or mailing label (if member).

If registering using the **Institutional Membership, do not use this form. A special form has been emailed to the contact person. Call the AMATYC Office at 901.333.4643 if you have any questions.

Preferred mailing address is: College Home

College _____

College Address _____

City _____ State _____ Zip _____

Email Address _____

College Telephone(_____) _____

Residence Telephone(_____) _____

Residence Address _____

City _____ State _____ Zip _____

- Check here if you wish your name to be excluded from the AMATYC Directory.
- Check here if you wish your name to be excluded from any non-AMATYC mailing lists.

ADA Accommodations: See facing page or page 20 for instructions.

Guest of Attendee Registration (See facing page or page 20 for eligibility.)

(Please type or print **guest's** name as it should appear on name badge.)

Saturday Breakfast Choices (choices are available until 10/7/09)

- Non-vegetarian Vegetarian

Single-Day Registration (Select one box only.)

- Thursday Friday Weekend (Saturday/Sunday)

Type of Payment: (Payment must accompany purchase order.)

Make check payable to **AMATYC** (in U.S. funds only) and mail check or money order and registration form together to: AMATYC Office, 5983 Macon Cove, Memphis, TN 38134 or forms may be faxed to 901.333.4651 if using credit card for payment. Do not mail form after October 7, 2009. Do not fax form after October 14, 2009.

AMATYC Member

Discount Registration	\$340	\$ _____
Regular Registration*	\$380	\$ _____
Single Day, Discount	\$130	\$ _____
Single Day, Regular	\$150	\$ _____

AMATYC Non-Member

(Registration **does not** include a one-year membership)

Discount Registration	\$445	\$ _____
Regular Registration*	\$485	\$ _____
Single Day, Discount	\$155	\$ _____
Single Day, Regular	\$175	\$ _____

*postmark after 9/30/09, online or fax after 10/7/09

First-Time Attendee (FTA)

\$50 Discount for FTA (if eligible) (\$ 50) \$ (_____)

AMATYC Membership Dues

Active \$80-1 year \$155-2 years \$225-3 years \$ _____

Adjunct \$ 40 \$ _____

Retired \$ 40 \$ _____

Student (Sponsor: _____) \$ 10 \$ _____

(Your expiration date will be extended as selected above beyond current expiration date.)

\$50 Dues Credit (\$ 50) \$ (_____)

Receipt # _____

(This coupon has no cash value. Credit will be based upon membership type selected.)

AMATYC Foundation

Magic Show _____tkts. @ \$35/ea. \$ _____

Please consider a donation \$ _____

Guest of Attendee/Single-Day Tickets

Registrant for full conference receives one ticket for each function. Tickets may be purchased for guests and single-day registrants.

Friday, Nov. 13 Buffet Breakfast
 _____guest tkts. @ \$27/ea. \$ _____

Saturday, Nov. 14 Awards Breakfast
 _____guest tkts. @ \$27/ea. \$ _____

Breakfast: Non-vegetarian Vegetarian

(choices are available until 10/7/09)

TOTAL \$ _____

AMATYC Tax ID #11-2531258

Check # _____ Visa Mastercard Discover

AMATYC does not accept American Express.

Check or Credit Card Payment: College/Business Personal

Credit Card # _____
 Please print credit card # clearly.

Exp. Date _____ CV Code _____
 Number is found on back of the card.

Signature _____

Name on card _____

The billing address for this credit card is the same as:

College/Business Residence

If billing address is different from above, provide the following information:

Address _____

City _____ State _____ Zip _____

Make your reservations at the conference hotel: Riviera Hotel and Casino

American Mathematical Association of
Two-Year Colleges (AMATYC)
November 12-15, 2009

Reservations received after October 21, 2009, or once room block has been filled, will be confirmed on rate and space available basis. Check-out time is 12:00 pm. Check-in time is 3:00 pm. Luggage storage is available. If you are running late on your arrival time, please call the hotel to advise our front desk. Call hotel for suite availability.

Name _____ Address _____ _____ City _____ State _____ Zip _____ Telephone(_____) _____ College/Company _____ Names of Persons _____ Sharing Room: _____ _____	Credit Card No. _____ Exp. Date _____ Signature _____ <input type="checkbox"/> American Express <input type="checkbox"/> MasterCard <input type="checkbox"/> Visa <input type="checkbox"/> Diners Club <input type="checkbox"/> Carte Blanche
Arrival Date: _____ Time: _____ Departure Date: _____	Accommodations Requested: Number of People: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 Bed Type: <input type="checkbox"/> King <input type="checkbox"/> 2 Beds <input type="checkbox"/> Smoking room
Early Departure Notification: In the event you check out of your guest room prior to the reserved checkout date, the Riviera Hotel will charge you one night's room and tax. If you wish to avoid an early checkout fee, you should advise the Hotel at or before check-in of any change in your planned length of stay.	Room Rates: Single/Double: \$89* plus applicable tax \$ _____ Additional Person: \$20 plus applicable tax \$ _____ <div style="text-align: right;">Total \$ _____</div>

**Room rates are quoted exclusive of applicable state, local, and occupancy taxes that are currently 12% (subject to change) or applicable service, or hotel-specific fees in effect at the hotel at the time of the meeting.*

Please make your hotel reservation online, by phone, or by mail:

Online: www.amatyc.org/Events/conferences/2009LV/housing.html

Phone: 800.634.6753 or 702.794.9412

Mail to: Riviera Hotel and Casino
2901 Las Vegas Blvd. South
Las Vegas, NV 89109

Hotel Deposit: All reserved hotel rooms must have a deposit in the amount of the first night's room and tax by October 21, 2009. All reservations held by credit card will be charged one night's deposit on October 21, 2009. **If you do not check into the hotel on the first night of your reservation, your deposit will be forfeited and your reservation will be canceled. If you cancel your reservation after October 21, 2009, your deposit will be forfeited.**

Room Tax Increase

The Nevada State Senate passed a law to increase room tax to 12% effective July 1, 2009. The tax increase will apply to all rooms occupied on and after July 1, 2009 regardless of when the reservation was made.

Conference Evaluation

To ensure that your opinions are considered in planning for future conferences, please complete and submit the online conference evaluation for the 2009 conference in Las Vegas. Soon after the conference you will receive an email with the link to the evaluation.

On-site Conference Registration

Riviera Hotel * West Registration Desk

Wednesday, November 11.....	4:00 pm - 8:00 pm
Thursday, November 12.....	7:00 am - 6:30 pm
Friday, November 13.....	7:00 am - 5:00 pm
Saturday, November 14.....	7:00 am - 8:00 am
Saturday, November 14.....	10:00 am - Noon

Getting There

***all prices quoted are subject to change**

Airport/Hotel Transportation

Being a town built on tourism, getting from the airport to any hotel in the Strip corridor is very fast and very simple.

McCarran International Airport is the only commercial airport in Las Vegas, and it serves as a hub for Southwest Airlines. So, do realize, if you book your trip by using one of the popular online travel search engines, like Orbitz or Travelocity, flights on Southwest Airlines will not be included. Thus, if Southwest is an option for your air travel, you will want to visit their site directly at Southwest.com.

The Riviera Hotel and Casino is only a few miles from the airport, and other than a brisk walk carrying your bags, there are a few different options in how you choose to get from the airport to the hotel.

1. **Taxis***: There are sixteen taxicab companies that service the Las Vegas valley and supply a never-ending line of taxis at the airport. Taxis are located just outside of the baggage claim area, and the typical fare from the airport to the Riviera runs about \$20.
2. **Shuttles***: There are several limousine and shuttle services that service McCarran Airport. Two of the less expensive options are the Gray Lines Tours of Southern Nevada/Coach USA and Bell Trans. The Gray Line Las Vegas offers \$12 per person round-trip service and reservations can be made by calling 800.634.6579 or by visiting <http://graylinelasvegas.com/>. Bell Trans offers similar pricing and can be reached at 800.274.7433 or online at www.bell-trans.com/shuttle.php.
3. **City Bus***: The Regional Transportation Commission of Southern Nevada (www.rtcsonthernnevada.com/) offers Route "108 Paradise" that runs from the airport to a number of properties along the Strip corridor. For the Riviera, you will exit the bus at the Desert Inn stop, and cross Paradise to enter the east side of the Riviera. The bus stop at the airport is on Ground Level Zero, and the typical one ride residential route fare is \$1.75.

4. **Driving Directions**: From the airport, go north on Swenson St. for just a few miles. Turn left onto Desert Inn Rd., and then right onto Paradise Rd. The Riviera will be on the left.

Getting Around Las Vegas

The Riviera Hotel & Casino is located on the northern end of Las Vegas Blvd. (AKA: The Strip). There are literally scores of restaurants and shops just footsteps away from the Riviera. Plus, one of the nation's largest shopping centers, the Fashion Show Mall (www.thefashionshow.com/) is located on the Strip less than a mile south of the Riviera. In it, you will find Saks Fifth Avenue, Dillard's, Neiman Marcus, Macy's, Nevada's only Nordstrom, and Bloomingdale's Home along with over 250 extraordinary shops and restaurants.

If you are going to explore the Strip, bring your walking shoes! Approximate distances to various casinos and other Strip/Downtown attractions are:

- Freemont Street Experience, Downtown Las Vegas—3 miles north
- Stratosphere Hotel and Casino—1 mile north
- Sahara Hotel and Casino—0.5 mile north
- Wynn Las Vegas, The Venetian, Madame Tussaud's Wax Museum, Treasure Island, Fashion Show Mall—1 mile south
- Caesars Palace—1.5 miles south
- Bellagio, Paris Las Vegas—2 miles south
- MGM Grand, New York New York Hotel & Casino, Excalibur Hotel & Casino, Tropicana—3 miles south
- Luxor Hotel and Casino, Mandalay Bay—3.5 miles south

As an alternative to walking, if you wish to venture further away from the Hotel, the Deuce offers an inexpensive way to get up and down the Strip. The Deuce, the new double-decker bus service on the Las Vegas Strip, stops at virtually every hotel and casino along the Las Vegas Strip, and travels to downtown Las Vegas, where you will find the Freemont Street Experience. Stops are located about every quarter mile in each direction, and are marked with signs or by bus shelters. Tickets for the Deuce are \$1.50* per trip, or \$7* for a 24-hour pass. To see specific travel times, please visit www.rtcsonthernnevada.com/ and select "The Deuce—Las Vegas Strip" in

the Route Maps & Schedules drop-down menu.

Conference Housing

The 35th Annual AMATYC Conference kicks off on Thursday, November 12, at the headquarters hotel, the **Riviera Hotel and Casino**, located at 2901 Las Vegas Blvd. South, Las Vegas.

A block of guest rooms at reduced rates has been reserved at the Riviera Hotel until October 21, 2009, or until AMATYC's room block is sold out, whichever comes first. Any unreserved rooms in the block will be released for sale to the general public after this date. So make your reservation early. Be sure to mention that you are attending the AMATYC Conference when making your reservation to receive the conference rate for your guest room. Reservations can be made by calling the hotel at 800.634.6753 or 702.794.9412 or online at the website listed on the hotel form on page 17.

All hotel rooms must have a deposit guarantee in the amount of the first night's room and tax by October 21, 2009. All reservations held by credit card will be charged one night's deposit on October 21, 2009. **If you do not check into the hotel on the first night of your reservation, your deposit will be forfeited and your reservation will be canceled. If you cancel your reservation after October 21, 2009, your deposit will be forfeited.** If you find you must cancel your reservation, please make the cancellation at the earliest possible date to avoid losing your deposit.

In the event you check out of your guest room prior to the reserved checkout date, the hotel will charge you one night's room and tax. If you wish to avoid an early checkout fee, you should advise the hotel at or before check-in of any change in your planned length of stay.

Staying in AMATYC's block of rooms at the conference hotel has many benefits. You will be in the Riviera's newly remodeled Signature series rooms, closest to the convention center in the hotel. You will also be helping AMATYC keep down conference costs. A significant way AMATYC is able to keep our registrations as low as possible is by guaranteeing to the hotel that we will use a certain

number of guest rooms (our room block). By meeting this quota, the meeting room rental fees are waived, which keeps the registration costs down. Additionally, we have performance clauses in our contract stipulating a certain number of rooms will be occupied and by failing to meet that number AMATYC will automatically pay high attrition fees. So staying in the conference hotel puts you close to the action and helps AMATYC produce the best conference it can!

Roommate Service

Those wishing to share a room with one, two, or three other conference attendees should complete the Roommate Network form that can be found on the AMATYC website, www.amatyc.org, and by clicking on the "35th AMATYC Annual Conference" link, then the "Roommate Network" link found on the left hand side of the page no later than October 9, 2009. You should be notified, within two business days, that your request has been received. If you do not receive such an email acknowledgement, please contact Linda Kodama at Lkodama@hawaii.edu.

The process will involve putting you in touch with anyone else wishing to share a room. It will be up to you to finalize the arrangement and send an acknowledgement to Linda. **Note: The roommate service does not make hotel reservations so it would be very helpful if you already have one, even if one of the roommates may have to process a cancellation!**

Registration Information

Registration

The conference registration fee includes admission to all concurrent sessions, general sessions, committee meetings and the exhibits. Also included are the Friday morning buffet breakfast for regional meetings and the traditional Saturday morning breakfast.

Reservations for workshops are no longer required. Entrance to workshops will be monitored by the presider on a first-come, first-served basis. Your official AMATYC Conference name badge is required to gain admittance. Once all seats are filled (**personal items may not be used to "reserve" seats and persons may not "reserve" seats for late ar-**

rivals), the workshop will be considered closed and no one else may enter.

Note: To qualify for the discount registration rates of \$340 member and \$445 non-member, **registration forms must be postmarked, if submitted via mail, on or before September 30, 2009.**

If submitted via the web or fax, the completed registration form must be received on or before October 7, 2009.

After this date, the regular registration fee is \$380 member and \$485 non-member. **Do not mail** the registration form after October 7, 2009. **Do not fax** registration form with credit card information or register online after October 14, 2009. **After these dates, registration will be available on-site only.**

On-site registration will be available at the regular rate (\$380 member and \$485 non-member). See the back cover of this miniprogram for the days and times the registration booth will be open.

Every registration form received in the AMATYC Office is acknowledged by an email confirmation that includes a receipt number. You will receive an acknowledgement within 7 to 10 business days. An official receipt will be mailed approximately three to four weeks after the email acknowledgement. **If you do not receive an email acknowledgement or an official receipt, contact the AMATYC Office.**

At the conference registration desk, you will receive your name badge, program booklet, tickets, and other items. **Name badges must be worn at all AMATYC functions and conference activities.**

First-Time Attendee (FTA)

Discount

If you have never attended an AMATYC conference, you are eligible to apply a \$50 credit toward your registration fee. Be sure you check YES to the "Is this your first conference?" question at the top of the registration form or at the beginning of the online registration process. *[This credit is only available to first-time conference attendees and is not transferrable to any other person.]* If you are not sure you qualify for this credit, please contact the AMATYC Office to verify.

Single-Day Registration

AMATYC offers a single-day registration to accommodate local adjunct faculty and for others unable to attend the entire conference. Those selecting this option must register for and choose only ONE

of the following options: Thursday only or Friday only or Weekend (Saturday/Sunday) only. For single-day registration rates, see the registration form on page 15.

The single-day registration includes admission to all fifty-minute sessions, workshops, general sessions, committee meetings and the exhibits for the specified day. Single-day registration **does not** include admission to the Friday Buffet Breakfast or the Saturday Awards Breakfast. The Friday regional meetings following the breakfast and the Saturday awards session following the breakfast are open to all registrants for the day registered. Single-day registrants may purchase special function tickets at the guest ticket price to attend the meal function for that day.

Student Registration

If you think you qualify for a student registration, contact the AMATYC Office at 901.333.4643 or amatyc@amatyc.org.

Accepted Forms of Payment

AMATYC accepts payment by check, Visa, MasterCard, and Discover. AMATYC **does not** accept American Express. Payment **must** accompany a purchase order. If paying by check, please make payable to AMATYC (in U.S. funds only).

Exhibitors

Exhibitors who are not also registered as conference participants are invited to attend any fifty-minute session or two-hour workshop provided seats are available after all AMATYC registrants are seated.

It is the responsibility of the exhibitor to enforce all local regulations when the exhibitor serves alcohol at any AMATYC event.

Registration Refund Policy

A refund of 100% of your registration fees less a \$10 service fee will be given upon receipt of a written request postmarked by October 28, 2009. A 50% refund less a \$10 service fee will be given if written request is postmarked on or after October 29, 2009, and by November 11, 2009. No refunds for non-attendance will be given for requests postmarked on November 12, 2009, or later. Requests for return of overpayments must be in writing and received by the AMATYC Office no later than December 15, 2009. All requests should be sent to the AMATYC Office. Refunds for registration fees will be processed approximately four to six weeks

after the conference as per the refund policy. This refund policy is also applicable to registrants for a single-day registration.

Workshops

A workshop includes active attendee participation, an in-depth treatment of a topic, and significant handouts. Workshop participants must be present at the beginning of the workshop to secure a seat in the workshop.

AMATYC continues to offer workshops at no additional fee to persons who register as conference participants. Entrance to a workshop will be monitored by the presider on a first-come, first-served basis. Your official AMATYC conference name badge is required to gain admittance. Once all seats are filled, the workshop will be considered closed and no one else may enter. **Personal items may not be used to “reserve” seats and persons may not “reserve” seats for late arrivals. AMATYC makes no guarantee that any conference registrant will be admitted into a workshop.**

Workshops W14, W19, W25, and W29 are computer workshops. However, only a limited number of computers will be available. So, participants are invited to bring their own laptop to get the maximum benefit from these workshops.

Guests of Attendees

Guests are always welcome at AMATYC conferences. They can be registered at no cost provided the guest is not a mathematics educator and is accompanied by a conference registrant. Guest registration does not include attendance at the special functions: Friday Buffet Breakfast or Saturday Awards Breakfast. Special function tickets may be purchased for your guests.

Policy Related to Guests of Attendees at AMATYC Events

General Policy

AMATYC is a professional organization for mathematics educators, and AMATYC events must serve these educators. AMATYC welcomes family members of its event attendees, as registered guests, at these events, and recognizes that these events may be a positive experience for them.

To ensure that AMATYC events meet attendee expectations that include a pleasant and productive professional development activity, attendees are responsible for their guests' behavior.

In particular, guests who are minors must be accompanied by the responsible attendee parent or guardian at all times. Attendee parents and guardians should take appropriate steps to ensure that their child's behavior does not disrupt other attendees, or infringe on their rights to the quality professional development activity they expect and for which they have paid.

Any guest should never prevent access to a session for a professional attendee – particularly, in a case of limited seating availability, materials availability, etc., professional attendees have priority. Children should not normally be in sessions. Exceptions might include when the child is related to the presenter and the child might benefit by being present.

Event officials are empowered and instructed to enforce these rules by taking all actions necessary to control disruptive or nuisance behavior.

Many hotels provide recommendations for in-room child care for guests. Call the hotel as early as possible for service. Arrangements represent a contractual agreement between the individual and the child-care provider. AMATYC assumes no responsibility for the services rendered.

AMATYC-Supplied Computer and Internet Access at AMATYC Events

Guests may only use equipment where permitted by the event officials in charge of that equipment and where such use does not hinder access to the equipment by professional registrants. In addition, guests who are minors may have Internet access only if they are under the immediate and direct supervision of a parent or guardian.

ADA Accommodations

AMATYC is committed to serving all conference attendees who have disabilities

and adheres to the guidelines set forth in the Americans with Disabilities Act (ADA). Attendees with disabilities requiring special accommodations should contact Beverly Vance before November 5, 2009, at 901.333.4643 or email at bvance@amatyc.org.

Conference Program

This **miniprogram** is provided as a guide to aid you in planning your conference activities. All presentations listed are subject to change. A more detailed program will be included in your registration packet that you will pick up at the conference registration desk.

Special Events

Making Connections: The Best of Las Vegas: What to See and Do

- ♦ Session S3, Thursday, November 12, 7:50 am in Grande G

If you are bringing guests to the conference, encourage them to attend to hear from your Las Vegas colleagues about what they like to do in the city and the area. Get tips on dining, shopping, shows, etc. This session will provide an overview of the points of interest and the recreational activities available during your stay.

Academic Committee Meetings

Participation in AMATYC academic committees provides members with opportunities to learn more about an area of interest and share expertise with others. Academic committees develop position statements, work on projects, and serve in an advisory role to the AMATYC Executive Board and the Delegate Assembly. Each committee meets at least once during the annual conference. Committee meetings are open to all interested individuals and provide opportunities to become more involved in AMATYC. Check the program listing for the scheduled times of the eight academic committee meetings: Develop-

Attention Presenters

Consider submitting your AMATYC conference presentation for publication in the Electronic Proceedings. Sharing your teaching strategies, ideas, and work is important to the development of our profession. The “Instructions for Authors” can be found online at www.amatyc.org/publications/Electronic-proceedings/for-authors.htm.



mental Mathematics, Division and Department Issues, Innovative Teaching and Learning, Mathematics for AAS Programs, Mathematics Intensive/College Mathematics, Placement and Assessment, Research in Mathematics Education in Two-Year Colleges, and Teacher Preparation.

Themed Sessions

There are two themed sessions Thursday morning. Both begin at 9:00 am and feature 15-minute presentations with a 5-minute break between presentations.

“Assessment: One Facet of Placement and Assessment” organized by the Placement and Assessment Committee will present ideas that colleagues have found successful including a first-day assessment, a plan for general education assessment, assessing through writing, and free software capable of intelligent grading.

“Making Connections to Algebra” presented by the Teacher Preparation Committee will showcase pedagogical strategies and activities for K-8 students that connect basic mathematical concepts to later concepts of algebra. Research indicates that these connections are critical for students’ future success in algebra.

AMATYC 101 and 201

Take advantage of two specially designed sessions organized and presented by members of the AMATYC Executive Board. These sessions will answer your questions about AMATYC and assist you in making the most of the professional development opportunities that are available during the conference and throughout the year.

On Thursday at 9:00 am, Jane Tanner (Northeast Region VP) and Mike Hardie (West Region VP) will host “AMATYC 101 – Enhancing Your First Conference Experience.” If you are new to AMATYC or attending your first conference, join Jane and Mike to learn how to maximize your conference experience. Meet other first-time attendees to the conference, enjoy some spirited games, and get your questions about AMATYC and the conference answered. They look forward to meeting you there.

On Friday at 2:15 pm catch “AMATYC 201 – Professional Opportunities Through AMATYC” presented by Ruth Collins (Mid-Atlantic Region VP) and Donna Saye (Southeast Region VP). Learn about the work of AMATYC’s committees, discuss

professional development opportunities, and find out how to get more involved in AMATYC.

Bring your questions, meet new friends, and learn about the benefits available to you through your membership and participation in AMATYC.

Reception for First-time Attendees

Will Las Vegas be your first AMATYC conference? If so, take advantage of this special reception at 6:00 pm Thursday, November 12, in addition to attending “AMATYC 101” described above. First-time attendees who self-identify on the registration form by checking “yes” following the question, “Is this your first AMATYC conference?” will receive an invitation for themselves and a guest. So, if you are new to the AMATYC conference scene, take advantage of this opportunity to enjoy refreshments, stimulating conversation, and make connections.

Statistics Traveling Workshop

On Saturday, November 14, from 10:45 am until 12:45 pm take advantage of a special workshop organized by AMATYC’s Traveling Workshop Coordinator, Patrick Averbek. This workshop will provide a sample of AMATYC’s popular statistics traveling workshop sponsored by the Consortium for the Advancement of Undergraduate Statistics Education (CAUSE). Patrick will be joined by Deborah Rumsey, Associate Director of Outreach for CAUSE. Examine ten common misunderstandings that students have about statistics and discuss recommendations to assist your students in working through their misunderstandings.

Poster Session

What new projects related to mathematics education are your colleagues involved in around the country? This year’s poster session will be held on Friday afternoon from 2:30 pm until 4:15 pm and will highlight creative and practical ideas. Plus, AMATYC’s academic committees will provide information detailing their goals and current projects. So, visit the poster session to get ideas for your classroom or find out how AMATYC’s committees can be of assistance to you. Expect to come away with ideas!

Affiliate Sharing Session

Affiliate leaders and members are invited to attend the Affiliate Sharing

Session on Friday, November 13 at 1:00 pm hosted by Ben Moulton and Rob Eby. Discuss common concerns including membership and professional development. Included this year will be a panel discussion on incorporating new faculty at the local level, led by past Project ACCESS fellows.

2009 Department/Division Chairs’ Colloquium

The Department/Division Chairs’ Colloquium will be held on Thursday from 12:30 pm to 2:30 pm. This popular, annual colloquium provides an opportunity to dialogue with other department leaders in an informal, but structured setting. Learn what other mathematics departments are doing, what challenges they are facing, and how they are addressing them.

Exhibits Grand Opening and Dedicated Exhibit Times

The always exciting Grand Opening of the exhibit area will take place on Thursday afternoon, November 12, at 4:45 pm. Explore the latest textbooks, videos, calculators, software, distance learning courseware, and much more. Meet the exhibitors while finding answers to questions about their new products in order to enter drawings for prizes.

Take advantage of dedicated time to visit exhibitors. AMATYC is pleased to feature our exhibitors on Friday from 9:45 am – 10:30 am and Saturday from 10:00 am – 10:45 am. This dedicated time will allow you to visit the exhibits without missing sessions. Exhibitors are eager to meet you, discuss your needs, and demonstrate products and services that can provide you with solutions to your classroom needs.

Exhibit Hours

Thursday 4:45 pm - 7:30 pm

Friday 9:30 am - 1:00 pm
and 1:45 pm - 5:00 pm

Saturday 9:45 am - 1:00 pm

★Dedicated Times★

Thursday 4:45 pm - 7:30 pm

Friday 9:45 am - 10:30 am

Saturday 10:00 am - 10:45 am

Exhibit Product Presentation

Selected AMATYC exhibitors will conduct 30-minute presentations to highlight their products and services. These presentations will be located in the exhibit hall on Friday only. While the descriptions will

be included in the conference program, a listing of titles, presenting companies and times of presentations will be posted in the exhibit area. So, don't miss out on the opportunity to learn more about a product or service you have been considering or to learn about new products and services that are available to enhance your students' learning and your teaching.

AMATYC Forums

Two forums will be held Thursday, November 12. While these forums are of special interest to AMATYC Delegates, everyone is invited to participate.

Combining the AMATYC Constitution and Bylaws

Moderators: Nancy Sattler, Ruth Collins, and Jean Woody
7:00 pm - 7:30 pm

The Combining the Constitution and Bylaws Committee was charged in 2006 with combining the AMATYC Constitution and Bylaws. This forum is the second and final input hearing before this document is presented to the Delegate Assembly on Saturday, November 14.

Forum on Strategic Planning

Moderator: Rob Farinelli
7:30 pm - 8:00 pm

This forum provides an opportunity for members to offer input to the 2012-2017 Strategic Plan. This plan is just beginning to be developed and the Strategic Planning Project Team will use the input to advise the Executive Board.

Magic Show—"Legerdemain in Las Vegas"

On Thursday beginning at 8:30 pm AMATYC illusionist, Phil Cheifetz, will amaze you with his special magic! For a fun evening with the Master of Magic, purchase your tickets early at \$35 each. With limited seating for the show, tickets will go fast.

As with any AMATYC Foundation event, your ticket purchases are tax-deductible donations (to the extent provided by law) to the AMATYC Foundation. The AMATYC Foundation uses these funds to support AMATYC projects.

Regional Meetings & Buffet Breakfast

Get to know the people and activities in your region, and interact with your regional vice president on Friday,

November 13, at 7:45 am while enjoying a buffet breakfast. Be sure to bring your ticket for the breakfast.

Network with colleagues from colleges and AMATYC affiliates in your region. Take advantage of this opportunity to express your views to your state and affiliate delegates regarding Delegate Assembly issues. Your attendance at the meeting of your region is strongly encouraged.

Delegate Assembly

The Delegate Assembly will be held on Saturday afternoon from 4:30 pm to 6:30 pm. Delegates will receive a separate mailing with the agenda and meeting information. Contact your regional vice president if you are a delegate and have not received this mailing by mid-October. Members who are not delegates may attend the Delegate Assembly in a special seating section.

General Information

Weather

The normal high temperature for Las Vegas during the period from November 12-15 is 67 degrees, and the normal low is 45 degrees. In general, mid-November is very pleasant in Las Vegas, but you may want to bring a sweater or light jacket.

See the Sights

Interested in more than the typical games of chance? Vegas.com offers a list of attractions that can be found on the Strip, off the Strip, and even some located a short drive from the Las Vegas valley. Visit www.vegas.com/attractions/ for more information.

Las Vegas Shows

Las Vegas is known world-wide for its variety of entertainment options. You can get information on and even purchase tickets for some of Las Vegas' most popular shows at www.vegas.com/shows/. You can also book shows by calling 888.527.8342. Many Las Vegas shows regularly sell out, so if you really want to see a specific show, get your tickets early.

Job Board

A job board and recruitment table will be located near the registration area. Bring copies of any job announcements from your college or personal resumé if you are seeking a job.

Internet Connections

Faculty who need to monitor web-based classes should bring their own computer and complete this work in the comfort of their guest room. *Wireless High-Speed Internet Service, (WiFi)* is available in the guest rooms for a charge of \$9.95 per twenty-four hour period. Guests who wish to utilize this service must purchase the service from their guest room by charging their major credit card the \$9.95 fee. This charge cannot be billed to any guest folio, including comp folios and master accounts. Look for instructions in your guest room.

Email/Communications

Royale Skybox Room 204 in the Convention Center will be equipped with computers with Internet access so you can check your email. The room is adjacent to the Professional Networking/Hospitality Room.

Internet Café Hours

Wednesday 6:00 pm - 10:00 pm
Thursday 8:00 am - 2:30 pm
and 7:00 pm - 8:00 pm
Friday 10:30 am - 4:00 pm
and 7:00 pm - 8:00 pm
Saturday 10:45 am - 4:00 pm

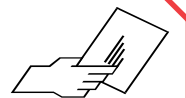
Professional Networking/ Hospitality Room

Meet new friends or visit with colleagues in the Professional Networking/Hospitality Room located in Royale Skybox Room 205, next door to the Internet Café. Enjoy a snack or beverage and relax with a puzzle or game or just listen to some music. Members of the Las Vegas Local Events Committee, offering a warm welcome, will be there to orient you to the city with information and maps to local attractions. You can also sign up to join others for dinner or to spend the evening at one of the city's many attractions.

Professional Networking/ Hospitality Room Hours

Wednesday 4:00 pm - 10:00 pm
Thursday 8:00 am - 2:30 pm
and 7:00 pm - 8:00 pm
Friday 10:30 am - 4:00 pm
and 7:00 pm - 8:00 pm
Saturday 10:45 am - 4:00 pm

Be sure to bring extra business cards to give to exhibitors.



Registration Acknowledgement

Every registration form received in the AMATYC Office is acknowledged within 10 days by an email confirmation that includes a receipt number. If you do not receive an email acknowledgement, please contact the AMATYC Office immediately. A copy of this acknowledgement, presented to the on-site registration desk, will serve as proof your registration was submitted on or before the discount deadline.

An official receipt will be mailed once the registration form has been processed. **Please print a copy of your email confirmation and bring it with you to the conference, especially if you do not receive your official receipt in the mail before leaving for the conference.**

Interested in providing custom-designed professional development for YOUR mathematics faculty? Consider hosting an AMATYC Traveling Workshop!

For more information, contact the AMATYC Office at 901.333.4643 or amatyc@amatyc.org, or visit www.amatyc.org/Events/traveling-workshops.htm.



Inspire Your College Algebra Instruction with a Free Hands-on Workshop from Texas Instruments and AMATYC

Note: At the time of printing, registration for this workshop was full. Please look for future joint efforts between AMATYC and Texas Instruments.

Texas Instruments (TI) and AMATYC are excited to present to AMATYC members a special pilot workshop on using interactive graphing technology effectively in the College Algebra classroom. "Inspire Your College Algebra Classroom," a pre-conference workshop, will be facilitated by Wade Ellis, West Valley College, on Wednesday, November 11, 2009, from 9 am to 4 pm. Each participant selected for this free workshop will receive a TI-Nspire Computer Software – Teacher Edition.

This special workshop features the use of TI-Nspire Computer Software – Teacher Edition. You'll experiment with mathematical objects and activities that put intermediate and college algebra concepts into a real-world context. You'll create and analyze various types of questions crucial to inquire-based learning. You'll also have time to discuss teaching-with-technology strategies and best practices with colleagues. Participants in the six-hour workshop will use TI-Nspire technology to enhance instruction of tough-to-teach, tough-to-learn algebra concepts such as rate of change, solving systems of equations, and graphing transformations. This workshop is backed by research which shows that effective teaching with graphing calculators in developmental math has been reported to increase student success and result in greater student retention.

TI will cover the cost of one night's hotel stay for each attendee at the Riviera Hotel and Casino (Tuesday, November 10, 2009), as well as breakfast and lunch during the workshop. All travel expenses and meals prior to the workshop are the responsibility of the attendee.

TI and AMATYC are collaborating to advance the appropriate use of technology into two-year college mathematics classrooms. AMATYC does not specifically endorse any commercial product.

COMMERCIAL PRESENTATIONS

These presentations are open to all registrants at no charge.
All commercial presentations are listed in the Conference Program section according to their day and time.

Carnegie Learning, Inc.

C4 **Redesigning Developmental Mathematics to Produce Lifelong Learners**
Thursday **Amy Tankersley**
12:30-2:00

Can you change curriculum, method of delivery, and student placement testing for all of your developmental math students in one semester while piloting three software packages and live to tell about it? Learn how Pellissippi State Technical CC accomplished this and how full implementation is going.

Hawkes Learning Systems

C10 and C13 **Improving Student Performance with Mastery-based Software**
Friday **Emily Cook**
12:30-2:00
2:30-4:00

Discover the benefits of using interactive software in mathematics courses. Hawkes Learning Systems (HLS) promotes grade improvement and motivates students to succeed by engaging them in the learning process. Students learn more effectively through tutorials, unlimited practice, mastery-based homework, and error-specific feedback. HLS is the solution for your students' success!

POSTER SESSION

Friday, November 13 ♦ 2:30 pm - 4:15 pm
Check the Conference Program for descriptions and additional posters.

- The Art of Mathematics Terms and Topics
Patty Amick
- One "Fib" of a Card Trick
Ryan Bowman
- What Clicks? Why Click?
Jerry Chen, Myung Chul Kim
- Mathematics: Keystone for Success
Mary-Ellen Vieux Clinton
- Adjuncts: How High Are YOUR Expectations?
Anabel Darini
- Resources + Responsibility + Respect → Learning + Retention
Gigi Drent
- SIRIUS Lab Assisted Model for Developmental Mathematics
Jerrett Dumouchel, Nancy Eschen
- Basic Mathematical Methods in Undergraduate Physics
Natalia Dushkina
- Resequencing Calculus
Mark Gruenwald, David Dwyer
- Short Term Remediation: Can It Impact College Algebra Success?
Fran Hopf
- Strategies for Reducing Math Anxiety
Laura Iossi
- What Can We Learn from Best Practices in International Math Education?
Steve Krevisky, Cheryl Cleaves
- A Cutting Edge Experience of an Online Pilot Course
Jennifer LeGrand
- Zero Out! Try Your Luck, Test Your Skill – Integer Addition
Nancy Leveille
- Factoring with Visual Aids: A Strategy for Developmental Math
Ying Lin
- African-American Students' Math Perceptions at a Community College
Alycia Marshall
- The Importance of Having a Relational Understanding of the Equal Sign
Arda J. Melkonian
- Best Practices for Teaching and Learning Online
Pamela Miller
- Freaks of Nature → Hot Air Balloons: Dimensional Experimentation
Ben Moulton, Zac Whitmore
- Using Technology to Enhance an Introductory Statistics Course
Jill M. Mueller
- Innovative Teaching and Learning Committee
Mary Beth Orrange
- An Examination of the Spacing Effect on Students
Michael Odu, Michael Gallo
- An Overview of Placement and Assessment
Lucio M. G. Prado
- Acceleration Through Developmental Mathematics with Web Enhancement
Becky Raimann, Carrie Naughton
- Are You Ready for Some Football?
Heather Riordan, Sybille Clayton
- Developmental Mathematics Traveling Workshop
Jack Rotman, Eleanor Storey
- Clermont College Academic Assessment Dinner Series
Teri Rysz
- Final Exam Data Analysis → Student Success and Effective Teaching
John Savage, Shelli Spanning
- Dynamic Visualization Tools for Multi-variable Calculus
Paul Seeburger
- The Benefits of Incorporating Software in Mathematics Courses
Garry L. Sigler
- Using Manipulatives to Help Students Operate with Polynomials
Beryl Stemen
- Giving the Devil His Due: Course Redesign at Leeward CC
Jennifer Watada
- Simplify, Cancel, and Other Math Lingo with Multiple Meanings
Lisa Yocco

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Please send address changes to the above
address or by email to amatyc@amatyc.org.

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On-site Conference Registration ♦ West Registration Desk

Wednesday, November 11..... 4:00 pm - 8:00 pm
Thursday, November 12..... 7:00 am - 6:30 pm

Friday, November 13..... 7:00 am - 5:00 pm
Saturday, November 14..... 7:00 am - 8:00 am
Saturday, November 14..... 10:00 am - Noon