Minneapolis, Minnesota  ❖  November 1 – 4, 2007
Hosted by MinnMATYC, LaMsMATYC, and the Central Region

Hyatt Regency Minneapolis
1300 Nicollet Mall
Minneapolis, MN 55403
Reservations: 800.233.1234

Millennium Hotel Minneapolis
1313 Nicollet Mall
Minneapolis, MN 55403
Reservations: 800.522.8856

Register online at www.amatyc.org
American Mathematical Association of Two-Year Colleges
33rd Annual Conference  ♦  Minneapolis, Minnesota

KEYNOTE SPEAKERS

Thursday Opening Session
Pat McKeague
What a Difference Five Minutes Makes

Thursday, November 1, 3:00 pm

Pat McKeague will officially open the 33rd Annual AMATYC Conference by challenging us to share with our students the things we find interesting in, and around, mathematics, and to invite them to consider careers as community college mathematics instructors. Even with too many topics to cover, and too little time to cover them, he will ask us to reserve five minutes of class time to accomplish these goals. When we share what we like about mathematics, and invite students to join our profession, we elevate our relationship with students and generate positive attitudes toward mathematics. And it can all happen just five minutes at a time.

Pat earned his B.A. in Mathematics from California State University, Northridge and his M.S. in Mathematics from Brigham Young University. He started his teaching career in 1970 at Lompoc High School in Lompoc, California. In 1973 he became a full-time instructor at Cuesta College in San Luis Obispo, California. During his 37-year career he has taught elementary school and high school, at the community college and at the California state university. He is sold on the community college system of education and is at his best when he is teaching there. An accomplished and successful author, Pat is very active in the mathematics community and is a popular speaker at national and regional conferences across the country. He has been a member of AMATYC for over 30 years and was on the writing team for the AMATYC Beyond Crossroads project.

Saturday Awards Breakfast Session
Dan Kennedy
My Year with NUMB3RS: Mathematics Goes to Hollywood

Saturday, November 3
Breakfast Served: 7:45 am (Ticket Required)
Program: 8:30-10:00 am

Dan Kennedy will delight you with the description of his inroads into popular culture. He will share what he has made of the teachable moments resulting from his work. Dan will delight you with this light and digestible talk, blending information and a little mathematics for an entertaining morning.

Dan received his undergraduate degree at the College of the Holy Cross, earned Master's and Doctoral degrees in Mathematics from the University of North Carolina at Chapel Hill. Since 1973, he has taught mathematics at the Baylor School in Chattanooga, Tennessee, where he holds the Carter Lupton Distinguished Professorship. His involvement with Advanced Placement Calculus as a workshop consultant, table leader, and an exam leader led to the AP Calculus Test Development Committee in 1986. In 1990 he became the first high school teacher in 35 years to chair that committee. He is a co-author or series author of textbooks in precalculus, calculus, algebra and geometry.

A Presidential Award for Excellence in Science and Mathematics Teaching winner in 1995, Dan has served on the executive committee of the Mathematical Sciences Education Board and on the Board of Governors of the Mathematical Association of America. His articles on mathematics and education reform have appeared in the Mathematics Teacher, the American Mathematical Monthly, and the College Mathematics Journal.

On-site Conference Registration
Hyatt Regency Minneapolis ♦ Nicollet Promenade

Wednesday, October 31 ................................................................. 4:00 pm - 8:00 pm
Thursday, November 1 ............................................................... 7:00 am - 5:00 pm
Friday, November 2 ................................................................. 7:00 am - 4:00 pm
Saturday, November 3 ............................................................... 7:00 am - 8:00 am
Saturday, November 3 ............................................................... 10:00 am - Noon
Lew Lefton warns us right up front that portions of his presentation are suitable only for mathematically mature audiences! According to Lew, “Everyone needs a laugh!” Amidst the entertainment, you will likely find jokes that you will steal for use in your own classroom! Lew uses his experiences as a graduate student, professional mathematician, and a college professor to pack hours of entertainment into 50 minutes.

Lew received his Ph.D. in Mathematics from the University of Illinois in 1987. After visiting and entertaining for two years at the University of California at Riverside, he taught at the University of New Orleans. In 1999, Lew moved to Georgia Tech where he is currently the Information Technology Director for the School of Mathematics and the College of Sciences. Lefton’s research interests are in scientific computing and applied mathematics. He is the author of many articles and the textbook *Introduction to Parallel and Vector Scientific Computing*. Lew has performed at dozens of clubs around the country including the Improv, the Laugh Factory, Comedy Gumbo, and Zanies in addition to gigs at the University of Illinois, University of California at Riverside, Georgia Tech, Loyola University, and Harvey Mudd College. Don’t miss the chance to see Lew “prove” that he is funny.

Wayne Roberts will delight you with topics from linear algebra to show the derivative as a linear transformation, rather than having the theorem drop from heaven as it usually wants to do. Compare this with the presentation in most multivariate calculus books that uses second partial derivatives to classify the critical points of a function in two variables.

Wayne attended Morton Junior College (as it was called in those days) before attending Illinois Institute of Technology. After earning his M.S. at the University of Wisconsin at Madison, he returned to teach at Morton Junior College for four years. After earning his doctoral degree at Wisconsin, he arrived at Macalaster College where he taught mathematics, chaired the department, and ultimately served as Provost during his 40 years on the faculty. He was a leader in the national effort to improve the teaching of calculus in the U.S., and is best known in Minnesota as the founder and Director of the Minnesota State High School Mathematics League. Don’t miss this presentation by one of our two-year college graduates!

This symposium consists of three separate events, all scheduled in the Center Forum in the Millennium Hotel in Minneapolis. Begin the day with Bernie Madison giving a featured 50-minute presentation on Mathematics Across the Curriculum (MAC) and Quantitative Literacy (QL). Bernie will share his extensive experience implementing MAC/QL projects.

Bernie has been involved in national efforts to reform undergraduate mathematics curricula for the past 20 years. His efforts include directing Mathematical Sciences in the Year 2000, participating in the reform of AP Calculus as a Chief Reader, promoting assessment of student learning, and reforming the mathematical preparation of teachers. He is the president of the National Numeracy Network. Bernie holds a bachelor’s degree in mathematics and physics from Western Kentucky University and master’s and doctoral degrees in mathematics from the University of Kentucky.

Following the 50-minute session Rebecca Hartzler, Deann Leoni, Caren Diefenderfer, Frederick Reese, and Klement Teixeira will conduct an interactive workshop (Y1) that will provide activities and strategies to implement MAC/QL at the course, departmental, and institutional levels based on your specific interests and program needs.

Don’t miss the all new component of this symposium, the poster session (Y2) that will include display and discussion of posters created by participants at recent MAC/QL institutes. These posters provide creative visual images of mathematics across the curriculum. An informal setting will allow you to browse through the posters, visiting with each poster presenter. Titles, descriptions, and presenters’ names will be included in the conference program for your reference.
Thursday 8:15 am - 9:05 am

S1  A Fresh Look at Teaching Trigonometry (IS, MI, TT)
Katherine A. Yoshiwara, Bruce W. Yoshiwara

S2  Unraveling the Mysteries of the Emerging Adult Brain [Ages 18-25] (IS, RB, TP)
Diana L. Hestwood

S3  AMATYC 101—Enhancing Your First Conference Experience (G)
Jim A. Roznowski, Ruth Collins

S4  Supplementing Mathematics Instruction with Technology (IS, MI, ST, TT)
Claude S. Moore, Valerie J. Melvin

S5  Civic Engagement: What’s Math Got to Do with It? (C, IS)
Beth Fraser, Theodora M. Ottariano

S6  Timely Reflection <-> Fast-Serve Feedback (TP, TT)
Adele M. Miller, S. Louise Gould

S7  Reviewing the Basics While Teaching Beginning and Intermediate Algebra (D, IS)
Sherri Messersmith

S8  The World Is My Whiteboard: Teaching Mathematics in a Real-World Context (IS, MI, TT)
Frank C. Wilson

S9  Fighting Algebra Fatigue with Excel in Precalculus and College Algebra (IS, MI, TT)
Revathi Narasimhan

Thursday 9:30 am - 10:20 am

S12 Mining the Cubic Equation for Mathematical Gems (H, MI)
John W. Coburn

S13 How Much We Know (IS, RB, SS)
Gloria E. Liu, Joe Kotowski

S14 Reality TV Math—Teaching Rigorous Math to a Reality TV Society (G, IS)
Michael Sakowski

S15 CONNECT Math—Facilitating Transfer in Mathematics (C)
Elaine A. Previte, Lois A. Martin, Mary K. Moynihan

S17 Intelligent Help? Really? At Every Step? (D, IS, TT)
John C. Miller

Thursday 9:30 am - 11:25 am

**Themed Session**

**T1** Math on the Web

**T1A** Discussion Topics to Include Everyone (IS, TT)
Jamie A. Thomas

**T1B** Connecting with Your Online Students (IS, TT)
Mary Beth Orrange

**T1C** Student Blogging in an Online Math Course (IS, TT)
Jodi Cotten

**T1D** Implementing Projects in an Online Environment (IS, TT)
Mark R. Marino

**T1E** Departmental Support for Distance Education (DI, TT)
Nancy J. Rivers

**T1F** Basic Algebra: A Comparison of Results—Hybrid vs. Online (D, RB, TT)
Louise Olshan

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**Minneapolis 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** Math for General Education (Finite Math, Liberal Arts, Quantitative Literacy)
- **H** History of Mathematics
- **IS** Instructional Strategies (Learning Styles, Teaching Methodologies, including Modeling)
- **MI** Math 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.)
Thursday, November 1

Thursday 9:30 am - 11:30 am

Q1 Division/Department Chair Colloquium (DI)
   Peter Collinge

W1 Mathematical Ideas that Emerge from Data Collected in the Classroom (IS, MI, RB)
   Scott L. Adamson

W2 Helping Students “See” the Mathematics (IS, MI)
   Dennis C. Ebersole, Deborah A. Moore-Russo

W3 Pre-Service K-6 Mathematics Content Courses: An Activity Approach (TP)
   Tracy A. Bibelnieks, Matthew J. Haines, Linda Stevens

W4 The Language of Math: Why Don’t They Get It and What Are We Missing? (IS, TP)
   Robert D. Brown, Sherri L. Wilson

W5 An Introduction to Graphing Equations and User Controls in Excel (TT)
   Paul E. Seeburger

Thursday 9:30 am - 12:25 pm

Themed Session

T2 Placement and Assessment—Using Ideas from Beyond Crossroads

T2A Assessment of Intermediate Algebra with a Study Skills Component (A, D, SS)
   Ed Gallo

T2B Happy Quiz—A Student Self-Assessment (A)
   Connie Buller

T2C Mathematics Placement Update at the University of Cincinnati–Clermont (A, RB)
   Margaret (Peggy) Hager

T2D Informed Self-Placement—Are You Kidding? (A, RB)
   Bill Worpenberg

T2E Assessing a Developmental Math Program (A, D)
   Shelli Spannring

T2F Assessing Mathematics Courses for Pre-Service Teachers (A, TP)
   2005 Project ACCCESS Fellow: Wendy O’Hanlon

T2G We Have our College Placement Team, Now What? (A, DI)
   Beverly Parnell

T2H Calculators and Placement Tests: A New Proposal (A, TT)
   Ralph J. Kemphaus

T2I Why Aren’t Grades Adequate for Assessment of Student Learning? (A)
   Wayne Mackey

Thursday 10:45 am - 11:35 am

S18 Why the Elevator Goes the Wrong Way (G, GE)
   Joseph Browne

S19 Western Washington Community College Student Mathematics Conference (G, SS)
   Michael P. Kenyon

S20 Revitalizing the General Education Mathematics Logic Course (GE, IS, TT)
   Richard Glass, Marsha Spiegelman

S21 Reflective Abstraction and the Concept of Limit (IS, MI, RB)
   Robert Cappetta

S22 An Infusion of the Fine Arts (C, IS)
   2005 Project ACCCESS Fellow: Barbra Gregory

Thursday 12:30 pm - 1:20 pm

S23 Electronic Quizzing and Its Effect on Calculus II Grades (A, IS, MI, RB)
   Philip Cheifetz

S24 Reducing Math Anxiety—A Practical Solution for the Classroom (IS, SS, TP)
   Mike Bankhead

S25 Teaching Developmental Algebra Isn’t Brain Science. Wait ... Yes, It Is. (D, IS, RB, TT)
   Edward D. Laughbaum

S26 Tools to Teach Math in the Digital Age (IS, TT)
   Dan G. Petrak

S27 Teaching Discrete Mathematics for Information Technology Students (GE, MI)
   Denise R. Johansen

S28 The TIME Is Now! Timely Discussions for Successful K-16 Transitions (A, C, D)
   Laura Moore-Mueller, Robin Washam, Joyce D. Hammer

S29 Using Semester-Long Projects in Statistics (IS, ST)
   Johnny Duke

Committee Meeting
   10:45 am - 11:35 am
   Developmental Mathematics

Committee Meeting
   12:30 pm - 1:20 pm
   Technical Mathematics/AAS Programs
Thursday, November 1

Thursday 12:30 pm - 2:30 pm

W6 Creating Interactive Mathematics Web Pages (TT)
Peter Turbek

W7 Jane's Greatest Hits (D, G, GE)
Jane D. Tanner

W8 Learning with Chalk (D, IS, TP)
Helen (Honey) Kirk, Paula L. McKenna, Vicki L. Gearhart

W9 Taking the Leap: Implementing Brain-Based Teaching in Your Classroom (D, IS, RB, TP)
Diana L. Hestwood

W10 A Biocalculus Course Collaboration Across Disciplines and Institutions (C, MI, TT)
Timothy D. Comar, Brenda H. Alberico

Thursday 1:30 pm - 4:45 pm

NSF Poster Session
(Closed from 3:00 pm to 4:15 pm for the Opening Session.)

➣ The Right Stuff: Appropriate Mathematics For All Students
Principal Investigators: Rob Kimball, Kathy Mowers

➣ Mathematics Across the Community College Curriculum
Principal Investigator: Christie Gilliland
Co-Principal Investigators: Deann Leoni, Rebecca Hartzler, Patrick Bibby, Jim Roznowski

➣ Kirkwood Community College STEM Scholars Program
Principal Investigator: David Keller
Co-Principal Investigator: Bob Driggs

➣ EdTrAc: Math-Science Education Training Academy
Principal Investigator: Julie Guelich
Co-Principal Investigators: Julie Johnson, Peggy Rejto

➣ The National Curve Bank: A MATH Archive
Principal Investigator: Shirley Gray

➣ Partnership to Increase STEM Enrollment and Student Success
Principal Investigator: Gloria Liu
Co-Principal Investigator: Joe Kotowski, Tingxiu Wang

➣ REU Site: Mathematics Research Experience for Pre-Service and for In-Service Teachers
Principal Investigator: Saad El-Zanati
Co-Principal Investigator: Sharon Soucy McCrone, David Barker

Thursday 1:45 pm - 2:35 pm

S30 “Just in Time” Teaching and Learning (A, ST, TT)
Patricia Kuby

S31 Is It Reasonable? Helping Developmental Students Assess Their Work (A, D, IS)
Laura Bracken

S32 Mathematical Investigations of Current Health Issues (C, IS, MI)
Theresa A. Laurent

S33 Brief Calculus: Implementing Beyond Crossroads with Excel (A, IS, MI, TT)
Sharon F. Welker, Mary D. Pearce

S34 Effective Online Math Lectures Using Tablet PC Technology (IS, TT)
Tim Gail

S35 Ten Exciting Assignments Designed to Improve Student Success (D, IS, SS)
George Woodbury, Stephanie Logan

S36 Calculus Students Write--All Benefit (IS, MI, TT)
Mary Kay Abbeye

S37 Factors that Shape Faculty Reasoning About College Algebra Reform (DI, GE, RB)
Helen E. Bum

Committee Meeting
1:45 pm - 2:35 pm
Technology in Mathematics Education

Thursday 3:00 pm - 4:15 pm

Opening General Session
Hyatt Regency Minneapolis
Nicollet Grand Ballroom

Awards and Remarks
Kathy Mowers, AMATYC President

Speaker: Pat McKeague
What a Difference Five Minutes Makes

Thursday 4:30 pm - 7:30 pm

Grand Opening of the AMATYC Exhibits
Hyatt Regency Minneapolis
Exhibit Hall
Thursday 7:00 pm - 8:00 pm

AMATYC Forums
Hyatt Regency Minneapolis
Greenway G
(see page 21 for complete description)

The Use of Technology in Mathematics Education—Proposed Position Statement
• Final Hearing •
Moderator: Frank Wilson, TiME Committee Chair
7:00 pm - 7:30 pm

Delegate Assembly: Structure and Effectiveness
Moderator: Jim Trefzger,
Delegate Assembly Task Force Chair
7:30 pm - 8:00 pm

Thursday 8:30 pm - 10:00 pm

AMATYC Foundation Presents
“Magic in Minneapolis”
$35/person (Ticket Required)
Hyatt Regency Minneapolis
Regency Room

While most magicians’ shows leave audiences thoughtful as they attempt to figure out the tricks, audiences at the AMATYC Foundation-sponsored Magic Show aren’t compelled to figure out the show’s secrets. Master magician and mathematician, AMATYC’s past president Phil Cheifetz, performs his routine so eloquently and with a touch of his New York charm that the audience isn’t concerned with the mechanics of the effect. Instead they are held spellbound by his showmanship. Phil and the audience embark on a unique magical journey through the impossible, taking a flight that is as smooth as he is.

The pace of the show never dawdles, as our very own Dr. Phil’s years of experience shine through with his slight of hand and marvelous coin and card tricks, leaving the audience no time to catch him in the act.

Phil knows what it takes to captivate an audience. His magical journey is a recipe of fun, packed with numerous fresh tricks and sprinkled with a sense of humor, appealing to everyone.

Friday 7:45 am - 9:45 am

Regional Meetings* & Continental Breakfast
Northeast - Maryann Justinger
Mid-Atlantic - Ruth Collins
Southeast - Rob Kimball
Midwest - Jim Roznowski
Central - Peter R. Wildman
Southwest - Mary Robinson
Northwest - Christie Gilliland
West - Jan Ford

* Ticket Required for Breakfast Portion *
*States, provinces, and territories for each region will be listed in the conference program.
For a description see page 21.

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

S38 The Great Math Wars Debate: Finding Some Common Ground (G, H, IS)
Ralph J. Kemphaus, Paul W. Jones II, Charles Warburton

** Symposium Session **
[followed by Symposium Workshop (Y1) and Symposium Poster Session (Y2)]

S39 MAC & QL: Many Interpretations and Multiple Collegiate Strategies (C, GE)
Featured Speaker: Bernie Madison

S40 Something Old, Something New, Some Excel and Java, Too! (MI, TT)
Paul E. Seeburger

S41 Teaching Math Online: Sharing Panel (IS, TT)
Mary Beth Orrange, Sinforosa (Rose) Tan, Pat Rhodes

S42 Revisiting Socratic College Algebra: Comfortable Multimedia Aids (G, MI)
George Mathew

S43 ICME-11 Hosts Two-Year Colleges in Monterrey, Mexico, July 2008 (DI, G)
Sadie Bragg, Marilyn Mays
**Friday, November 2**

**Friday 10:30 am - Noon**

C5 McGraw-Hill Higher Education: ALEKS  
Ken Lee

C6 Pearson Education: MyMathLab Training for Novice Users  
Diane Gray

C7 Hawkes Learning Systems: How to Motivate Students by Using Software  
Emily Cook

**Friday 10:30 am - 12:30 pm**

W11 Activities that Foster Statistical Thinking (ST)  
Roxy Peck

W12 Discovering Functions in the Classroom (IS, MI, TT)  
Barry F. Bergman

W13 Explore Machine Gaming and Random Variables with Poker and Technology (GE, ST, TT)  
Robert N. Baker

W14 Motivational Minutes (G, IS, SS, TP)  
Leslie A. Smith

W15 Visualization of Mathematical Objects Through Animations (IS, TT)  
Cary Lee, Nemie I. Capacia

**Friday 10:30 am - 12:45 pm**

**Themed Sessions**

T3 Implementing Beyond Crossroads  
T3A Developing and Implementing a Quantitative Reasoning Program (GE)  
Klement Teixeira

T3B Using Technology to Enhance Student Learning (TT)  
Frank Wilson

T3C ER to a Healthy Online Learning Environment! (TT)  
Luc Desir

T3D Can You Handle the Truth?! Beyond Success and Retention Statistics (DI, G)  
Bob Martinez

T3E Four Steps to a Standards-Embracing Department (DI)  
Connie Carruthers, Edward (Ted) Coe

T3F A Step Towards the Crossroads: Open-Ended Problems (A, D)  
Jonathan Kalk

T3G Student Learning Outcomes and How to Assess Them (A, DI)  
Wayne Mackey

**Friday 10:30 am - 1:25 pm**

T4 Successful Activities/Projects in Teacher Preparation  
T4A Discovering the Mayan Number System (H, IS, TP)  
Jo-Ann G. Williams

T4B Teaching Math to Children (TP)  
Debbie Justeson

T4C Favorite Mathematical Explorations (IS, TP)  
Kendall Jacobs

T4D Venn Diagrams in the Teacher Prep Classroom (IS, TP)  
Helen (Honey) Kirk

T4E Cubits Are Coming! A Fun Hands-on Activity to Explore Probability (ST, TP)  
Steve Kinholt

T4F Paper Folding Geometry (GE, TP)  
Jane Hammontree

T4G Beyond the Textbook (IS, TP)  
Janet Teeguarden

T4H Geostrips and Geometry (GE, TP)  
Judith Sallee

T4I The Pythagorean Theorem on Geoboards and Using Technology (D, IS, TP)  
Darlene Whittkanack

**Friday 11:45 am - 12:35 pm**

S44 Intermediate Algebra: A Blended Approach (D, GE, IS, RB, TT)  
Daniel J. Rose, Yvonne A. Greenbaum

S45 Online or Hybrid? Designs, Advantages, Successes (A, IS, TT)  
Louise Olshan, Jeffrey C. Jones

S46 Faculty Math League Contest (G)  
Steven Blasberg

S47 Selections from Jane's Greatest Hits (D, G, GE)  
Jane D. Tanner

**SYMPOSIUM AND WORKSHOPS**

A workshop or symposium includes active attendee participation, an in-depth treatment of a topic, and significant handouts. Workshop and symposium participants must be present at the beginning of the workshop/symposium to secure a seat. Entrance to a workshop or the symposium 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/symposium will be considered closed and no one else may enter. AMATYC makes no guarantee that any conference registrant will be admitted into a workshop or symposium.
## Friday, November 2

### Friday 11:45 am - 1:45 pm

**Symposium Workshop**

[preceded by Symposium Session (S39) and followed by Symposium Poster Session (Y2)]

**Y1**  
MAC & QL: Many Strategies for Your Consideration (C, GE)  
Rebecca T. Hartzler, Deann Leoni, Caren Diefenderfer, Frederick Reese, Klement Teixeira

### Friday 12:30 pm - 2:00 pm

**C10**  
Casio, Inc.: Using the CASIO ClassPad to Enable Students to Achieve in Algebra  
Larry Osthus

### Friday 1:00 pm - 1:50 pm

**S53**  
Don't Believe Everything You Hear (D, IS, TT)  
Jay Lehmann

**S54**  
Some Creative Graphing Calculator Ideas for Algebra and Trig (MI, TT)  
Jim Trefzger

**S55**  
AMATYC 201—Professional Opportunities Through AMATYC (G)  
Mary R. Robinson, Peter R. Wildman

**S56**  
Using Personal Response Units to Promote Student Understanding (GE, IS, TT)  
Jack L. Haughn

**S57**  
The Amazing Impact of Mathematics on Society (C, G, H)  
Gary K. Rockswold

**S58**  
Mathematics with Technology for K-8 Teachers (IS, TP, TT)  
Kevin Lee

### Friday 2:15 pm - 3:05 pm

**S65**  
Infinity Bottles of Beer on the Wall—What's So Funny About Mathematics? (G)  
*Featured Speaker: Lew Lefton*

**S66**  
Building a Better Understanding of Applied Calculus (IS, MI, TT)  
Martha T. Goshaw

**S67**  
Host a Regional Conference Featuring an AMATYC Traveling Workshop (DI, G)  
Patrick J. DeFazio, Jo-Ann G. Williams,  
*2004 Project ACCCESS Fellow:* Karen S. Hale, Michael Oppedisano

**S68**  
Beyond Crossroads—Small Steps for You, Giant Leaps for Students (IS, TT)  
Mary Ellen Davis

**S69**  
Something for Everyone: Creating Multimedia CDs for Student Use (D, SS, TT)  
John Squires, Helen Darcey, Dave Guardiani, Karen Wyrick

**S70**  
My Secret Function: An Activity for Teaching Operations on Functions (IS, MI, TP)  
Kathleen Lopez

**S71**  
True Stories! My Experiences in a Phase 2 Drug Study (G, GE, ST)  
Susan S. Wood

**S72**  
The Evolution of the Chalkboard: The Tablet PC (IS, TT)  
Kristina K. Schmid

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Committee Meeting

1:00 pm - 1:50 pm  
Developmental Mathematics
Friday, November 2

S73  4 States + 4 Initiatives = Student Success (C, G)
     William G. Steenken, Mel Griffin, Bill Moore,
     Darrell H. Abney

S74  Technology in Precalculus: The Ambiguous Case of
     the Law of Sin/Cos (IS, MI, TT)
     Lalu Simcik

S75  A Gentle Introduction to Dynamical Systems
     (GE, TT)
     Thomas L. Pirnot

     Friday 2:15 pm - 4:15 pm

✦✦ Symposium Poster Session ✦✦
[preceded by Symposium Session (S39) and
Symposium Workshop (Y1)]

Y2  MAC® Poster Session (C, GE, IS, TP)
    Deann Leoni, Rebecca T. Hartzler

W16  Active Algebra (A, D, IS)
     Steve G. Grosteffon

W17  Exciting Activities and Games for Elementary
     Algebra (D, IS, TP)
     Sally D. Sestini, Mary E. Clarke

W18  Calculators Aren't Just Calculators Anymore: A
     Look at New Handhelds (TP, TT)
     Stuart Moskowitz

W19  The Power of Excel (ST, TT)
     Elisabeth H. Knowlton

W20  Great Instructional Strategies—A Sharing Session
     (G, IS, TT)
     David J. Graser

     Friday 2:30 pm - 4:00 pm

C11  McGraw-Hill Higher Education: MathZone
     Alina Coronel

C12  Pearson Education: MyMathLab Training for
     Experienced Users
     Diane Gray

C13  Texas Instruments: Multiple Representations in
     Algebra: TI-Nspire = Better Understanding
     Wade Ellis

     Friday 3:30 pm - 4:20 pm

S76  What Algebra Do Students Need to Know and How
     Can We Make it Relevant? (C, D, IS)
     Suzanne I. Doree

S77  Affiliate Sharing Session (G)
     Ronda J. Kingstad, Abraham S. Mantell

S78  What Do We Assess and What Do We Do Once We
     Have the Data (A, IS, RB)
     Mercedes McGowen, Lisa Bieneman

S79  Inverse Functions, Intersections, and the Ubiquity of
     e (MI)
     Terry A. Krieger

S80  Improving Student Success Using a Software-Based
     Learning Environment (IS, RB, TT)
     DeeAnn VanLuyck

S81  Building a Better Linear Algebra Experience
     (IS, MI)
     2004 Project ACCCESS Fellow: Laura Watkins,
     Anne Dudley

S82  Math to Go: Podcasting Math Lessons (TT)
     Bob Prior

S83  Willing and Wary: Transforming the Tech Skills of a
     Math Department (DI, IS, TT)
     Maria Andersen, Diane Krasnewich

S84  Publishing Your Textbook (G)
     Richard N. Aufmann, Joanne S. Lockwood

Committee Meeting
3:30 pm - 4:20 pm
Statistics Subcommittee of Program/Curriculum Issues

Friday 4:30 pm - 5:30 pm

Committee Meetings
4:30 pm - 5:30 pm
✦ Distance Learning & Technology in
Mathematics Education Joint Meeting
✦ Faculty Development
✦ Placement and Assessment
✦ Program/Curriculum Issues

Friday 8:00 pm - 10:00 pm

Calculus: The Musical!
Hyatt Regency Minneapolis
$25/person (Ticket Required)
Nicollet Ballroom B & C

Hosted by the AMATYC Foundation and MinnMATYC, Calculus: The Musical! is a comic “review” of the concepts and history of calculus offering a blend of sketch comedy, musical theatre, and classroom lecture featuring performers Marc Gutman and Sadie Bowman. Calculus: The Musical! promises to be entertaining for the arithmophobe and the rocket scientist alike.

See page 22 for more information.
Saturday, November 3

Saturday 7:45 am - 10:00 am

Saturday Awards Breakfast Session
Breakfast Served: 7:45 am (Ticket Required)
Program: 8:30 am - 10:00 am
Presentation of Awards
Kathy Mowers, AMATYC President
Speaker: Dan Kennedy
My Year with NUMB3RS: Mathematics Goes to Hollywood

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

S85 The Derivative as a Linear Transformation (MI)
Featured Speaker: Wayne Roberts

S86 Math Study Skills: We've Tried Everything so You Don't Have to (D, IS, SS)
Alan Bass

S87 Moving from Individualized to Collaborative Problem-Based Learning (IS, RB, ST)
Carol C. Hannahs

S88 Website Sharing Session (G, TT)
Shay L. Cardell, George M. Alexander

S89 Become an AMATYC Traveling Workshop Facilitator! (G)
Peter R. Wildman, Cheryl Cleaves

S90 Assessment Instruments at Class, Course, and Program Levels (A)
Wayne Mackey

S91 Active Learners in a Mathematics Classroom (IS)
Arnavaz Taraporevala, Janet Liou-Mark, Nadia Benakli

S92 Discovering Old Topics in New Ways: Polynomials and Rational Functions (IS, MI)
Nancy G. Hyde, Julie M. Miller, Molly O’Neill

Saturday 10:45 am - 12:15 pm

C14 Pearson Education: MyMathLab Strategies for Teaching
Diane Gray

C15 Hawkes Learning Systems: How to Motivate Students by Using Software
Emily Cook

Saturday 10:45 am - 12:45 pm

W21 (Passion)^a + (Fermat’s Last Theorem)^b = (Success)^c
(GE, H)
Jodi Cotten

W22 Energizing Your Introductory Algebra Classroom (D, IS)
Susan W. Santolucito

W23 Hiking Math Trails to the “K-8 Assessment” Pass (GE, RB, TP)
Ken Hurley

W24 Using Games, Computer Tutorials, and Beauty of Math Moments (D, IS, TP)
Amy Young, Nan Strebeck

W25 Matrices and Linear Programming with Excel (IS, MI, TT)
Florence Chambers, Louise (Toni) A. Parise

W26 Predicting the Periods of Repeating Decimals (GE, H, TP, TT)
Patricia L. Johnson

Committee Meeting
10:45 am - 12:45 pm
2008 Conference Planning

Saturday Noon - 12:50 pm

S93 American Mathematics Idol (GE, H, IS)
Thomas (Tom) H. Adamson

S94 Students’ Reasons for Selecting a Computer-mediated or Lecture Class (D, RB)
D. Patrick Kinney, Douglas F. Robertson

S95 A Dual Credit Program in College Algebra (C)
Steven J. Wilson, Mary Deas

S96 MathDL and the Math Gateway: NSDL Portals for Your Teaching Resources (G, TT)
Mike E. Martin, Bruce W. Yoshiwara

S97 Zeno Versus Pythagoras: The Continuous and the Discrete (C, GE, H)
David Price

S98 The Benefits of Student-Written Practice Exams (A, IS, RB)
Marissa Wolfe

S99 Using PowerPoint to Introduce Limits (IS, MI, TT)
Marlow Dorrough
Saturday, November 3

S100 Departmental Leadership—Tips and Techniques, Ideas and Inspiration (DI)
Patty Amick

S101 Techniques for Partial Fractions (MI)
Tingxiu Wang

S102 Curve Fitting and Regression Analysis: Modeling the World (IS, TT)
Fred Feldon

S103 Enhancing Retirement by Staying Mathematically Alive (G)
Marvin L. Johnson

Saturday 1:15 pm - 2:05 pm

S104 Math Class Survives Hurricane Katrina and Returns to Hollywood via MN (G, GE)
E. John Hornsby, Jr.

S105 Pythagorean Triples (D, H, TP)
M. Sunil Koswatta

S106 “Got Toast?” An Introduction to Functions (IS)
Lorrie B. Joubert

S107 Where in the World Am I? (C, GE, TT)
Valerie Harris

S108 PowerPoint with Pizzaz (TT)
2006 Project ACCCESS Fellow: Marion Foster

S109 Escape from Functional Ennui (IS, MI)
Jo-Ann G. Williams, Alison J. Schubert

S110 The Minnesota Twins: Building a Better Tomorrow, Statistically! (GE, ST)
Stephen (Steve) A. Krevisky

S111 The Road from Outcomes to Assessment (A, DI)
Jack Keating, Lois A. Martin, Kerryn Snyder
2005 Project ACCCESS Fellow: Marianne C. Rosato

S112 Basic Math: Keeping the Focus on Fractions (D, IS, TP)
2004 Project ACCCESS Fellow: Ana Jimenez

S113 Adjunct Sharing Time (DI)
Judith (Judy) A. King, Judy Giffin

S114 Student Mentors in the Developmental Classroom (D, SS)
Kevin Hastings, Steven Martin

S115 Applied Calculus Projects Transform Students’ Attitudes About Math! (IS, MI, TT)
Bruce Pollack-Johnson

Saturday 1:15 pm - 3:15 pm

W27 Proportional Reasoning: An Activity that Tests Students’ Conjectures (D, IS, TT)
Gary M. Simundza, Nancy Crisler

W28 The Three-Pound Universe (G, IS, TP)
Art Rude

W29 Using Technology to Encourage Developmental Algebra Students to Think (A, D, TT)
Darlene Whitkanack

Saturday 2:30 pm - 3:20 pm

S116 Ingenious Test Review Session in a Developmental Mathematics Classroom (D, IS)
Gowribalan A. Vamadeva

S117 Hands-on Math for Global Awareness (C, G, GE)
Elisabeth H. Knowlton

S118 Assessment in Online Statistics Courses: Gender, Age, and Ethnicity (A, RB, ST, TT)
Daniel Larose

S119 Improvements at Beyond Crossroads Live! (G, IS, TT)
David J. Graser

S120 Teachers Are Circles and Students Are Octagons (G, IS, TP)
Diana Orrantia, Joanne V. Peeples

Committee Meeting
1:15 pm - 2:05 pm
Program/Curriculum Issues

Minneapolis 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  Math for General Education (Finite Math, Liberal Arts, Quantitative Literacy)
H  History of Mathematics
IS  Instructional Strategies (Learning Styles, Teaching Methodologies, including Modeling)
MI  Math 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.)
Saturday, November 3

S122  It Has to Be Right, That's What My Calculator Says!! (MI, TT)
       Abraham S. Mantell

S123  Mysteries and Histories of Pi (G, GE, H)
       Janet E. Teeguarden

Committee Meeting
2:30 pm - 3:20 pm
Placement and Assessment

Saturday 4:30 pm - 6:30 pm

Delegate Assembly
Hyatt Regency Minneapolis
Nicollet A & B
Delegates are to be seated by 4:15 pm.

Sponsor a Two-Year College Student at the AMATYC Conference

Do you know a two-year college student who is considering a career in mathematics or mathematics education? Do you have a student who comes to you for career advice? An exciting new opportunity exists for you and that student at this fall’s conference. You can sponsor the attendance of two-year college students at the “New Orleans in Minneapolis” Conference! Two-year college students who are sponsored by an AMATYC member will be able to attend the conference at a reduced rate of $25 for registration. The students will be able to attend any sessions and activities at the conference, except those where meals are provided or tickets are required. However, students can purchase tickets for meals or the other events if desired and can attend the program that follows the meals! They can visit the exhibit hall; attend the symposium, forums and poster sessions; listen to many exciting sessions; and obtain that professional “high” we get when we attend AMATYC conferences! Check the AMATYC conference website for a student registration form and more information. The deadline for students to register is September 30; two-year college student registrations will not be accepted after the September 30 deadline!

Sunday, November 4

All of Sunday's sessions will be held at the Hyatt Regency Minneapolis.

Sunday 8:15 am - 9:05 am

S124  Some Creative Graphing Calculator Ideas for Algebra and Trig (MI, TT)
       Jim Trefzger

S125  Mathematical Ideas that Emerge from Data Collected in the Classroom (IS, MI, RB)
       Scott L. Adamson

S126  Involving Adjunct Faculty Through a Department Group or Web Page (DI)
       Gregory P. Graue

S127  Math Knowledge for Teaching: What Is It and How Do Teachers Gain It? (A, RB, TP)
       Meg Moss

S128  What Happens When WAC Principles Come to Developmental Math Courses? (D, GE, IS)
       Michael G. McComas

Sunday 9:25 am - 10:15 am

S129  Coping with Learning Disabilities in the College Math Class (IS, SS, TP)
       Mary C. Rack

S130  The Amazing Impact of Mathematics on Society (C, G, H)
       Gary K. Rockswold

S131  Telling Time with Quaternions (MI)
       Paul A. Kinion

S132  Technology and Cooperative Learning: What Works (IS, SS, TT)
       Homa Ghaussi-Mujtaba

S133  Students Don't Do “Optional” (IS, TT)
       Kim Denley

Sunday 10:30 am - 11:15 am

Closing Session
Kathy Mowers, AMATYC President
Hyatt Regency Minneapolis/Greenway I

- Conference wrap-up
- Report on Delegate Assembly actions
- Opportunities to get more involved in AMATYC
- Preview of next year’s conference in Washington, D.C.
- Introduction of the 2007-2009 Executive Board
- Passing of the gavel
- Adjournment
Contact the chair of a committee that interests you for advance information about committee activities at the conference. AMATYC committees are 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

**Distance Learning**
Mary Beth Orrange, orrange@ecc.edu

**Faculty Development**
Ernie Danforth, danforth_e@corning-cc.edu

**Placement and Assessment**
Ed Gallo, ed.gallo@sinclair.edu

**Program/Curriculum Issues**
Darlene Winnington, dwinning@dtcc.edu

**Technical Mathematics/AAS Programs**
Jesse Williford, ljwillif@waketech.edu

**Technology in Mathematics Education**
Frank Wilson, frank.wilson@cgcmail.maricopa.edu

**Places to Visit in Minneapolis**
- Mall of America
- Underwater World at Mall of America
- The Park at Mall of America
- Nicollet Mall pedestrian avenue
- Walker Art Center
- Minneapolis Sculpture Garden
- Guthrie Theatre
- Historic Orpheum & State Theatres
- St. Paul Ordway Theatre
- Minneapolis Institute of Arts
- Weisman Museum
- Minnesota History Center
- Science Museum of Minnesota
- Minnesota Zoo
- Como Zoo and Conservatory
- Orchestra Hall
- Uptown
- Block E entertainment complex
- Historic Fort Snelling
- Minnehaha Park & Minnehaha Falls
- University of Minnesota
- Target Center
- Hubert H. Humphrey Metrodome
- Minneapolis Riverfront District
- Mill City Museum
- Stone Arch Bridge & St. Anthony Falls
- Basilica of St. Mary
- Cathedral of St. Paul
- Minneapolis Warehouse District
- Mary Tyler Moore statue
- Lake Harriet and Lake Calhoun
- Children's Theatre Company
- First Avenue and 7th Street Entry
- James Ford Bell Library
- Minnesota Children's Museum
- Landmark Center

**Washington, D.C. 2008**

Proposals for Washington, D.C. can be submitted at the AMATYC website, www.amatyc.org, beginning November 1, 2007. Mark your calendar now to go to the website during or immediately following the Minneapolis conference and submit your proposal for Washington, D.C. The deadline for submitting a proposal to speak in Washington, D.C. is February 1, 2008.
Instructions for Completing Registration Form

1. One Registration Form Per Person
   The 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 due rate. Dues rates are as follows:
   
   Active: $75 per year/$145 for 2 years/$210 for 3 years
   Adjunct: $37.50 annual dues
   Retired: $37.50 annual dues
   Student: $10 annual dues (full-time student sponsored by AMATYC member)

   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 11/30/07 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 11/30/07, 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 "T", please use the special form sent to the institutional membership contact person. If you do not have this form, please call or email the AMATYC Office. Should a label not appear or if you are unsure of your membership status, please call or email the office for verification.

3. 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.

4. Foundation Donations
   Please consider a donation to the AMATYC Foundation, either by attending the fascinating Foundation-sponsored Magic Show or Calculus: The Musical! (see page 6 or 9) and/or by making a separate donation. You can make contributions on the conference registration form. AMATYC is a 501-c-3 charitable organization, and all Foundation donations are deductible to the extent provided by law. A contribution is deeply appreciated!

5. Saturday Breakfast Choices
   Non-vegetarian: includes meat serving
   Vegetarian: low-fat/vegetarian

6. Guest Tickets/Single-Day Registrants
   A guest can be registered at no cost provided the guest is not a mathematics educator or author. Guest and single-day registration does not include special functions—Friday Continental Breakfast and Saturday Awards Breakfast. Special function tickets can be purchased. Full conference registration fee includes one ticket for each special function. Purchase a ticket only if you are a single-day registrant or if you would like a ticket for your guest. See additional information on pages 19-20.

7. Deadlines
   To qualify for the discount rate, registration form with payment must be postmarked, submitted via the web, or faxed on or before September 30, 2007. Registrations that do not meet the September 30, 2007, deadline will be processed at the regular rate.

   Do not mail the registration form after October 5, 2007. Do not fax registration form with credit card information or register online after October 10, 2007. After these dates, registration will be available on-site only.

8. 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 18, 2007. A 50% refund less a $10 service fee will be given if your written request is postmarked on or after October 19, 2007, and by October 31, 2007. No refunds will be given for requests postmarked on or after November 1, 2007. Requests for return of overpayments must be in writing and received by the AMATYC Office no later than December 15, 2007. All requests should be sent to the AMATYC Office. Refunds for registration fees will be processed approximately four to six weeks after the conference according to the refund policy outlined above.

9. AMATYC Mailing Lists
   AMATYC may provide email or mailing addresses 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.

10. 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 October 10, 2007, at 901.333.4643 or by email at bvance@amatyc.org.

11. If you have any questions, please contact the AMATYC Office at 901.333.4643 or by email at amatyc@amatyc.org.

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.
Is this your first AMATYC conference?  
- Yes 
- No

If first conference, you are encouraged to attend “AMATYC 101—Enhancing Your First Conference Experience.” (See page 21 for details.)

Name__________________________________________

Member ID#_____________________________________

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 email or mailing address lists.

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

Guest 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 9/30/07)  
- Non-vegetarian  
- Vegetarian

Single-Day Registration (Select one box only.)  
- Thursday  
- Friday  
- Weekend (Saturday/Sunday)

Symposium and Workshop  
The symposium and workshops no longer require reservations. Entrance to the symposium or 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. AMATYC makes no guarantee that any conference registrant will be admitted into a workshop.

AMATYC Member

- Discount Registration $320 $______
- Regular (after 9/30/07) $360 $______
- Single Day, Discount $125 $______
- Single Day, Regular $145 $______

AMATYC Non-Member

(Registration does not include a one-year membership)

- Discount Registration $420 $______
- Regular (after 9/30/07) $460 $______
- Single Day, Discount $150 $______
- Single Day, Regular $170 $______

AMATYC Membership Dues

Active

- $75–1 year $145–2 years $210–3 years $______

Adjunct $37.50 $______

Retired $37.50 $______

Student (Sponsor:__________________) $10 $______

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

AMATYC Foundation

- Magic Show ____________ tks. @ $35/ea. $______
- Calculus: The Musical! ____________ tks. @ $25/ea. $______

Please consider a donation $______

Guest Tickets

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

- Friday, Nov. 2  Continental Breakfast ____________ tks. @ $30/ea. $______
- Saturday, Nov. 3  Awards Breakfast ____________ tks. @ $30/ea. $______

- Breakfast:  
  - Non-vegetarian
  - Vegetarian

(Choices are available until 9/30/07)

TOTAL $______

*AMATYC Tax ID #11-2531258*

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.

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________________________

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_____

Registration is NOT complete until payment is received. Check and registration form(s) must accompany purchase order.
American Mathematical Association of Two-Year Colleges (AMATYC)  
November 1-4, 2007

Conference Hotel: Hyatt Regency Minneapolis

Name: ____________________________________________  
Address: _______________________________  
City__________ State______ Zip__________  
Telephone(_______) ____________________________  
College/Company: ____________________________  
Names of Persons Sharing Room: ____________________________  
Arrival Date: ________________ Time: ________________ Departure Date: ________________  
Early Departure Notification: Prior to your arrival at the hotel or upon check-in, please notify us of any changes in your departure date.  

Phone: 800.233.1234  
Be sure to identify yourself as attending the AMATYC Conference.  
Mail to: Hyatt Regency Minneapolis  
1300 Nicollet Mall  
Minneapolis, MN 55403

Reservations received after October 6, 2007, or once room block has been filled, will be confirmed on rate and space available basis. Check-out time is 11:00 am. 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.

Credit Card No. Exp. Date  
☐ American Express ☐ MasterCard ☐ Visa  
☐ Diners Club ☐ Carte Blanche

Accommodations Requested:  
Number of People: □ 1 □ 2 □ 3 □ 4  
Bed Type: □ King □ 2 Beds  
☐ Smoking room  

Room Rates:  
Single: $159 plus applicable tax $__________  
Double: $169 plus applicable tax $__________  
Triple: $184 plus applicable tax $__________  
Quad: $209 plus applicable tax $__________  
Total $__________  

Hotel Deposit: All reserved hotel rooms must have a deposit in the amount of the first night's room and tax by October 6, 2007. All reservations held by credit card will be charged one night's deposit on October 6, 2007. 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 6, 2007, your deposit will be forfeited.

Phone: 800.522.8856  
Be sure to identify yourself as attending the AMATYC Conference.  
Mail to: Millennium Hotel Minneapolis  
1313 Nicollet Mall  
Minneapolis, MN 55403

American Mathematical Association of Two-Year Colleges (AMATYC)  
November 1-4, 2007

Conference Hotel: Millennium Hotel Minneapolis

Name: ____________________________________________  
Address: _______________________________  
City__________ State______ Zip__________  
Telephone(_______) ____________________________  
College/Company: ____________________________  
Names of Persons Sharing Room: ____________________________  
Arrival Date: ________________ Time: ________________ Departure Date: ________________  
Early Departure Notification: Prior to your arrival at the hotel or upon check-in, please notify us of any changes in your departure date.  

Phone: 800.522.8856  
Be sure to identify yourself as attending the AMATYC Conference.  
Mail to: Millennium Hotel Minneapolis  
1313 Nicollet Mall  
Minneapolis, MN 55403

Reservations received after October 6, 2007, or once room block has been filled, will be confirmed on rate and space available basis. Check-out time is 11:00 am. 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.

Credit Card No. Exp. Date  
☐ American Express ☐ MasterCard ☐ Visa  
☐ Diners Club ☐ Carte Blanche

Accommodations Requested:  
Number of People: □ 1 □ 2 □ 3 □ 4  
Bed Type: □ King □ 2 Beds  
☐ Smoking room  

Room Rates:  
Single: $159 plus applicable tax $__________  
Double: $169 plus applicable tax $__________  
Triple: $179 plus applicable tax $__________  
Quad: $189 plus applicable tax $__________  
Total $__________  

Hotel Deposit: All reserved hotel rooms must have a deposit in the amount of the first night's room and tax by October 6, 2007. All reservations held by credit card will be charged one night's deposit on October 6, 2007. 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 6, 2007, your deposit will be forfeited.
Getting There

Airport/Hotel Transportation
Transportation from the Minneapolis/St. Paul International Airport (MSP) to the conference hotels is provided in the following ways:

1. **SuperShuttle**
   Cost is $14 one-way and $22 round trip if you reserve your trip through the website https://www.supershuttle.com/webrez/Welcome.aspx?GC=B64CX. You can also reserve online at www.supershuttle.com and click on the online reservations. Choose the airport on the left and click on the online reservation link on the top of the window. Enter the discount code B64CX where appropriate. You will need your airline, flight number, and time of arrival when you make the reservation. Enter Hyatt Regency or Millennium as appropriate for the hotel. Please try to make your reservations at least two weeks prior to the conference.

   You can also print out the instructions and a coupon to obtain the rates listed above by clicking on the link www.amatyc.org/Events/conferences/2007/index.html for the conference home page and then clicking on the “Getting There” link on the left side of the page.

   When you arrive at the Minneapolis/St. Paul airport claim your luggage at Baggage Claim and then proceed to the lower level (follow the signs to ground transportation), and continue to follow the signs upstairs to the “Scheduled Van/Hotel Shuttle Van” loading area. SuperShuttle is located inside the terminal at the “Ground Transportation Atrium.” (Note: the baggage claim is below street level so you must go upstairs to locate the shuttle van. Please stop at the information area if you need directions to the SuperShuttle vans.)

   Return Trip. SuperShuttle vans run every half hour between 4:55 am and 5:05 pm. Reservations may be made outside the scheduled times by calling Super Shuttle at 800-258-3826.

2. **Taxi Cab Service**
   Taxi service at the Minneapolis/St. Paul International Airport is accessible via the Tram Level. Signs direct passengers one level up to the cab starter booth, where airport staff will assist passengers needing a taxi. Cab fare from the airport to the Hyatt Regency Minneapolis is approximately $30. The Millennium Hotel Minneapolis is directly across the street from the Hyatt.

3. **Light Rail/Public Bus Service**
   Light rail service to and from the airport (MSP) is available. Trains stop at the Lindbergh Terminal and connect travelers to 15 other destinations, including downtown Minneapolis to the north and the Mall of America to the south. In the airport, the light rail station entrance is located near the Transit Center, between the Blue and Red Parking ramps. From the main terminal Tram Level (two floors below the Ticketing Lobby), take the automated Hub Tram toward the Transit Center. When you exit the tram, follow the signs to the light rail station, located 70 feet underground. Light rail trains run every 7 or 8 minutes during peak hours and every 10 to 15 minutes at other times of the day. From MSP, trains can take you to the Mall of America in about 11 minutes and to the Warehouse District in downtown Minneapolis in about 25 minutes. Fares are $2.00 during rush hours (Monday through Friday, 6 to 9 a.m. and 3 to 6:30 p.m.) and $1.50 at other times. Tickets are sold at vending kiosks at the rail station. For more information, visit the Metro Transit website, www.metrotransit.org/rail.

   If you take the light rail into Minneapolis exiting the train at Nicollet and 5th Street, your light rail ticket allows you to ride any southbound bus to the hotels. The Hyatt Regency and Millennium Hotel are about eight blocks from the light rail station. Cross the tracks and the street to catch the bus.

4. **Driving Directions**
   If driving to Minneapolis and the conference, directions to the hotels once you reach the Twin Cities can be found at http://minneapolis.hyatt.com/hyatt/hotels/services/maps/index.jsp.

   *all prices quoted are subject to change

Getting Around Minneapolis

The Hyatt Regency and Millennium Hotels are located in downtown Minneapolis with sights, stores and more than 50 restaurants within walking distance. You can stroll down the Nicollet Mall, a 12-block walk or if you prefer to stay inside use the skyway system that spans 72 blocks and links hotels, restaurants, shopping, performance venues and attractions. Cabs are readily available for travel beyond the downtown area. Major bus lines going to or connecting to all parts of Minneapolis and St. Paul stop in front of the hotel. Buses can be boarded in front of the hotel, for trips to any destination along the Nicollet Mall for a special fare of only $0.50 (called the “downtown zone”).

Conference Housing

The 2007 AMATYC Conference hotels will be the Hyatt Regency Minneapolis and the Millennium Hotel Minneapolis.

By prior arrangement with the hotel, the special conference rate for guest rooms will apply three (3) days before and after the “official dates” of the conference. This offer is based on the availability of group rooms over the requested dates. The “official dates” of the 2007 AMATYC conference are Thursday, November 1, through Sunday, November 4.

The Hyatt Regency Minneapolis and the Millennium Hotel Minneapolis will hold the AMATYC block of rooms until October 6, 2007, or until AMATYC’s room block is sold out, whichever comes first. Any unused rooms in the block will be released to the general public for sale after this date. So make your reservation early. Be sure to mention that you are attending the AMATYC conference when you make your reservation.

All hotel rooms must have a deposit in the amount of the first night’s room and tax by October 6, 2007. All reservations held by credit card will be charged one night’s deposit on October 6, 2007. 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 6, 2007, your deposit will be forfeited.

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/Events/conferences/2007/index.html, and by clicking on “Building a Better Tomorrow” no later than September 30, 2007. 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!

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

Note: The discount registration fees are $320 member and $420 non-member for those registration forms postmarked, submitted via the web, or faxed on or before September 30, 2007. After this date, the regular registration fee is $360 member and $460 non-member. Do not mail the registration form after October 5, 2007. Do not fax registration form with credit card information or register online after October 10, 2007. After these dates, registration will be available on-site only.

On-site registration will be available at the regular rate ($360 member and $460 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.

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 Continental 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 may attend any non-ticketed presentations 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 18, 2007. A 50% refund less a $10 service fee will be given if written request is postmarked on or after October 19, 2007, and by October 31, 2007. No refunds for non-attendance will be given for requests postmarked on November 1, 2007, or later. Requests for return of overpayments must be in writing and received by the AMATYC Office no later than December 15, 2007. 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.

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.
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 badge is required to gain admittance. Once all seats are filled, the workshop will be considered closed and no one else may enter. **AMATYC makes no guarantee that any conference registrant will be admitted into a workshop.**

**Symposium**

AMATYC is offering a special Symposium on Friday, November 2. The Symposium consists of three events: a 50-minute session, a two-hour workshop, and a poster session. Entrance to the session and two-hour 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 session or workshop will be considered closed, and no one else may enter.

**Guests**

Guests are always welcome at AMATYC conferences. They can be registered at no cost provided the guest is not a mathematics educator or author and is accompanied by a conference registrant. Guest registration does not include attendance at the special functions: Friday Continental Breakfast or Saturday Awards Breakfast. Special function tickets may be purchased for your guests. Guest may attend any non-ticketed presentations provided seats are available after all AMATYC registrants are seated.

**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 October 10, 2007, 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.

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**Special Events**

**MAC & QL Symposium and Poster Session**

AMATYC has planned for conference attendees a symposium that includes several events, all scheduled in the Center Forum in the Millennium Hotel in Minneapolis. Begin the day with a featured 50-minute presentation titled “MAC & QL: Many Interpretations and Multiple Collegiate Strategies” (S39). On Friday at 11:45 am a two-hour workshop titled “MAC & QL: Many Strategies for Your Consideration” (Y1) will offer limited seating and will feature activities and strategies to implement MAC/QL at the course, departmental, and institutional levels.

Don’t miss the all new component of this symposium, the poster session (Y2) that will include display and discussion of posters created by participants at recent MAC/QL institutes. These posters provide creative visual images of mathematics across the curriculum. An informal setting will allow you to browse through the posters, visiting with each poster presenter.

**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. 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. Use these opportunities to become more involved in AMATYC. Check the program listing for the scheduled times of committee meetings.

**NSF Poster Session**

What new projects related to mathematics education are your colleagues involved in around the country? Come to this poster session and see active NSF funded projects in curriculum development, teacher preparation, technology and more. Principal Investigators of National Science Foundation awards will showcase their projects that have an impact on mathematics in the two-year college. You will find many ideas to explore and build upon for your future in math education.
Themed Sessions

There are four themed sessions beginning on Thursday with the return of “Math on the Web” presented by the Distance Learning Committee. Topics this year include the use of discussion forums, strategies to improve retention, blogging, online projects, and department support for online instruction. Also on Thursday the Placement and Assessment Committee will sponsor “Placement and Assessment - Using Ideas from Beyond Crossroads.” In this themed session nine speakers will present strategies they've developed and challenges they've addressed.

On Friday, “Implementing Beyond Crossroads” features seven presentations that will explore strategies to improve student achievement. Another option on Friday is “Successful Activities/Projects in Teacher Preparation.” This themed session includes the use of geometry, data collection, problem-solving, Venn Diagrams, probability, statistics and more in the teacher preparation classroom.

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 to you during the conference and throughout the year.

On Thursday at 8:15 am, Jim Roznowski and Ruth Collins will host “AMATYC 101–Enhancing Your First Conference Experience.” If you are new to AMATYC or attending your first conference, join Jim and Ruth to learn how to maximize your conference experience.

On Friday at 1:00 pm catch “AMATYC 201–Professional Opportunities Through AMATYC” presented by Mary Robinson and Peter Wildman. 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 in AMATYC.

2007 Department/Division Chairs’ Colloquium

The Department/Division Chairs’ Colloquium will be held on Thursday from 9:30 am to 11:30 am. Department chair participation will play a key role in implementing Beyond Crossroads. Learn what other Mathematics Departments are doing, what challenges they are facing, and how they are addressing the implementation of Beyond Crossroads. Get ideas that you can implement at your campus and share your experiences.

Exhibits Grand Opening and Dedicated Exhibit Time

The always exciting Grand Opening of the exhibit area will take place in the Hyatt Regency Minneapolis on Thursday evening, November 1, at 4:30 pm. Explore the latest textbooks, videos, calculators, software, distance learning courseware, and much more. Enter drawings for prizes and meet the exhibitors simultaneously by finding answers to exhibitor questions about new products and trivia.

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 4:30 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 4:30 pm - 7:30 pm
Friday 9:45 am - 10:30 am
Saturday 10:00 am - 10:45 am

AMATYC Forums

Two forums will be held Thursday, November 1, according to the following schedule. Everyone is invited to participate by attending one or both of these and providing valuable suggestions and insight to guide AMATYC.

The Use of Technology in Mathematics Education—Proposed Position Statement - Final Hearing

Hyatt Regency Minneapolis
Greenway G
Moderator: Frank Wilson
TIME Committee Chair
7:00 pm - 7:30 pm

This is the second and final hearing for the proposed position statement “The Use of Technology in Mathematics Education.” This will be the last opportunity for the membership to provide input on this position statement prior to the vote in the Delegate Assembly on Saturday afternoon.

Delegate Assembly: Structure and Effectiveness

Hyatt Regency Minneapolis
Greenway G
Moderator: Jim Trefzger
Delegate Assembly Task Force Chair
7:30 pm - 8:00 pm

This forum provides an opportunity for members to offer input on the structure and role of the Delegate Assembly, as well as on the responsibilities of the delegates. The Delegate Assembly Task Force will use the input to advise the Constitution and Bylaws Committee and the Executive Board.

Magic Show—“Magic in Minneapolis”

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 & Continental Breakfast

Get to know the people and activities in your region, and interact with your Regional Vice President on Friday, November 2, at 7:45 am while enjoying a continental breakfast that includes juice, fruit, muffins, coffee, and tea. We ask that
you limit your portion size until all of your colleagues have been served.

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.

**Affiliate Session**

Affiliate leaders and members are invited to attend the Affiliate Sharing Session on Friday, November 2 at 3:30 pm hosted by Ronda J. Kingstad and Abraham S. Mantell. See S77 on page 9.

**Calculus: The Musical!**

Join your colleagues for an entertaining evening on Friday at 8:00 pm. Local Minnesota jazz ensembles will begin the evening followed by a performance of *Calculus: The Musical!* For a fun evening purchase your tickets early for $25 each. With a limited number of tickets available, you will want to order yours before they run out!

This event is being presented by MinnMATYC and the AMATYC Foundation. 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.

**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 beauty and sophistication of Minneapolis is augmented by its striking seasonal variety. Fall is one of the most beautiful times in Minneapolis as the air begins to get crisp and the seasons change. In early November the average highs are near 50 and lows around 32. Don’t miss a stroll in the Riverfront District during fall where the colors are fantastic and the days linger into beautiful evenings.

**See the Sights**

Interested in seeing the Minneapolis/St. Paul area? Check out the Places to Visit in Minneapolis on the AMATYC website for a list of locations to visit including many outstanding theaters and museums. You will find links to their home pages on the website. Please check back frequently as we will try to keep the page as up to date as possible.

If you are interested in a tour, please stop by the hotel concierge desk. They will have all the information you need to make plans for you and your guests.

**Local Theaters**

With more than 100 theater venues and more theater seats per capita than any other U.S. city outside New York, the Minneapolis theater scene is booming. From cozy playhouses to majestic 3,000-seat theaters, more than 30 venues offer a wide selection of performance styles:

- The State, Orpheum and Pantages Theatres play host to Broadway productions.
- Companies such as Theatre de la Jeune Lune, Hennepin Stages, Music Box Theatre and the Brave New Workshop provide an innovative and off-beat twist.
- With the Minnesota Orchestra, St. Paul Chamber Orchestra and Minnesota Opera, Minneapolis boasts musical groups that are the envy of larger cities.

During the conference, Disney's *The Lion King* will be performing at the Historic Orpheum Theatre. Check out the conference website for more information on what is playing when you are in Minneapolis and for links to the various theaters.

**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 resumés if you are seeking a job.

**Internet/Email/Communications**

The St. Croix Room in the Hyatt Regency Hotel will be equipped with computers with Internet access so that you can check your email. Entrance to this room will be through the Minnehaha Room, the Professional Networking/Hospitality Room.

It is suggested that faculty who need to monitor web-based classes bring their own computer and complete this work in the comfort of their guest room.

**Professional Networking/Hospitality Room**

Meet new friends or visit with colleagues in the Hospitality Room located in the Minnehaha Room of the Hyatt Regency Minneapolis. Enjoy a snack or beverage and relax with a puzzle or game or just listen to some music. Members of the Minneapolis Local Events Committee, offering a warm welcome, will be there to orient you to the city with information and maps to local attractions.

Members of the New Orleans Local Events Committee will be there with a “Touch of New Orleans” and with stories of recovery that will warm your soul. You can sign up to join others for dinner or to spend the evening at one of Minneapolis/St. Paul’s many attractions. Get a group together and meet in the Hospitality room before you trek to the Mall of America! Connected to the Hospitality room is the room with computers to check your email.

**Hours**

- **Professional Networking/Hospitality Room**
  - **Thursday:** 8:00 am - 2:30 pm and 7:00 pm - 10:00 pm
  - **Friday:** 10:30 am - 5:00 pm
  - **Saturday:** 10:45 am - 5:00 pm

- **Job Board**
  - **Wednesday:** 5:00 pm - 10:00 pm
  - **Thursday:** 8:00 am - 2:30 pm and 7:00 pm - 10:00 pm
  - **Friday:** 10:30 am - 5:00 pm
  - **Saturday:** 10:45 am - 5:00 pm
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.

Casio, Inc.

C10   Using the CASIO ClassPad to Enable Students to Achieve in Algebra
Friday 12:30–2:00  Larry Osthus
Mandated to have all students complete algebra, a teacher's group decided to have their lower performing students use the CASIO ClassPad in pre-algebra and algebra classes. This presentation is the story of the teachers’ journey and the impact it has had on the teachers and students involved.

Hawkes Learning Systems

C7   How to Motivate Students by Using Software
Friday 10:30–Noon  Emily Omlor
and
C15   Learning Systems student software, online grade book and test generator to learn more about our mastery-level homework system, artificial intelligence for diagnosing errors and software license that never expires!
Saturday 10:45–12:15

McGraw-Hill

C5   ALEKS
Friday 10:30–Noon  Ken Lee
ALEKS is the only artificial intelligence-based system for individualized assessment and learning in mathematics courses and has been proven in numerous studies to increase student performance. ALEKS improves student success rates in developmental mathematics. This is a must session featuring instructors who have successfully used ALEKS in their math programs.

Texas Instruments, Inc.

C13   Multiple Representations in Algebra: TI-Nspire = Better Understanding
Friday 2:30–4:00  Wade Ellis
Increase your Algebra students’ level of understanding of algebraic concepts and problem-solving processes by efficiently connecting math concepts through multiple representations. Through a balanced approach of algebraic, numerical, graphical, and geometric representations, you provide the maximum potential for your students to grasp important and difficult concepts in different ways.

Pearson Education

C6   MyMathLab Training for Novice Users
Friday 10:30–Noon  Diane Gray
Educators new to MyMathLab will learn how to create a course, homework assignments, tests and quizzes, manage the gradebook and track student progress, and become familiar with multimedia resources available to students.

C12   MyMathLab Training for Experienced Users
Friday 2:30–4:00  Diane Gray
Educators who have been teaching with MyMathLab for at least one year will learn how to use advanced MyMathLab features, manage multiple sections using coordinator and member courses, use the MathXL exercise builder to create custom exercises, customize the learning environment, and utilize communication tools.

C14   MyMathLab Strategies for Teaching
Saturday 10:45–12:15  Diane Gray
Educators who have been teaching with MyMathLab for at least one term will learn and see how experienced educators have designed and administered their traditional, hybrid, lab-based, and online MyMathLab courses. Discussions will focus on best practices and sharing instructional strategies.
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

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

Vision Statement

Opening Doors Through Mathematics
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On-site Conference Registration
Hyatt Regency Minneapolis, Nicollet Promenade

Wednesday, October 31 ........................................... 4:00 pm - 8:00 pm
Thursday, November 1 ......................................... 7:00 am - 5:00 pm
Friday, November 2 ............................................. 7:00 am - 4:00 pm
Saturday, November 3 ........................................ 7:00 am - 8:00 am
Saturday, November 3 ........................................ 10:00 am - Noon

AMATYC Office
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5983 Macon Cove
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Phone: 901.333.4643
Fax: 901.333.4651
Website: www.amatyc.org
Email: amatyc@amatyc.org

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