

American Mathematical Association of Two-Year Colleges

37th Annual Conference
Austin, Texas

Hilton Austin

500 East 4th Street
Austin, TX 78701

Reservations: 800.236.1592
(group code TYC)

Reservations Website:
[www.amatyc.org/Events/
conferences/2011Austin/housing.html](http://www.amatyc.org/Events/conferences/2011Austin/housing.html)

Keynote and Breakfast Speakers

Kenneth M. Golden
University of Utah

Terri M. Manning
Central Piedmont CC

Featured Speakers

Philip "Uri" Treisman
University of Texas – Austin

Jerry Woodfill
NASA Johnson Space Center

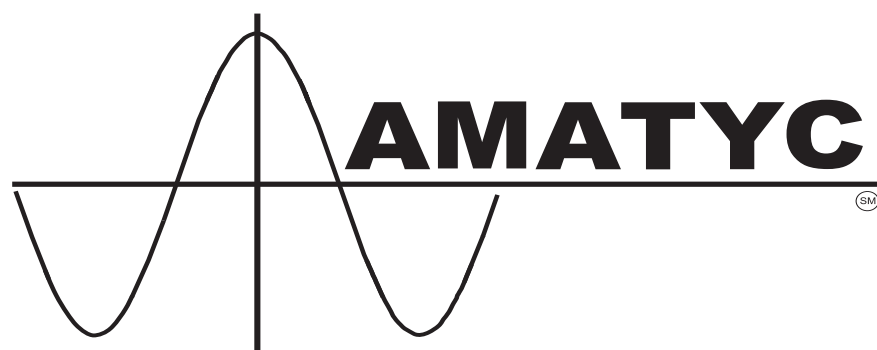
Opening Doors
Through Mathematics



November 10-13, 2011

Hosted by TexMATYC and the
Southwest Region

Register online at www.amatyc.org



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 mathematically and technologically literate citizens who are capable of making informed decisions, who have skills needed by business and industry, and who will continue to grow in their quantitative literacy;
- ◆ Lead the development and implementation of curricular, pedagogical, technological, and assessment standards for two-year college mathematics education;
- ◆ Offer multiple opportunities for the preparation and continuing professional development of a competent and diverse mathematics faculty skilled in a variety of teaching modalities addressing different learning styles;
- ◆ Provide a forum that facilitates professional networking, communication, policy determination, and action among individuals, affiliates, and other professional organizations; and
- ◆ Communicate the perspectives of two-year college mathematics education to public, business, and professional sectors.

Adopted by the Board on April 12, 2010

American Mathematical Association of Two-Year Colleges

37th Annual Conference ✨ Austin, TX

KEYNOTE SPEAKERS



Thursday Opening Session

Kenneth M. Golden
*Climate Change and
Mathematics of Sea Ice*

Thursday, November 10, 3:00 pm
Austin Grand Ballroom, Salons F/G

Kenneth Golden became fascinated with the polar regions in high school, studying satellite images of sea ice at NASA/Goddard Space Flight Center. In the opening session of the 37th Annual AMATYC Conference, he asks us to join him in his pursuit of knowledge of this topic. Sea ice is a leading indicator of climate change, as well as a critical component of the climate system. It also hosts extensive microbial communities which support life in the polar oceans. The dramatic decline of the summer Arctic sea ice pack is probably the most visible, large scale change on Earth's surface in recent years. Most global climate models, however, have significantly underestimated this decline.

Key sea ice processes such as the growth and melting of seasonal ice are studied using partial differential equations, dynamical systems, diffusion processes, and models from statistical physics. Such processes must be better understood to improve projections of the fate of the polar ice packs, and the response of polar ecosystems. Video from a recent Antarctic expedition where Golden and his team measured related sea ice properties will be shown. Golden has journeyed on six Antarctic and five Arctic expeditions. Since 2003, six undergraduate students have traveled with him on Arctic field trips.

Professor of Mathematics and Adjunct Professor of Bioengineering at the University of Utah, Golden has published over 50 papers in mathematics, physics, geophysics, electrical engineering, mechanical engineering, and biomechanics journals, and given over 300 invited lectures on six continents, including two presentations in the U.S. Congress.

Golden has received teaching awards from Princeton and the University of Utah. In March of 2011 he was selected as a Fellow of the Society for Industrial and Applied Mathematics for "extraordinary interdisciplinary work on the mathematics of sea ice." His research and polar expeditions have been covered in over 30 newspaper, magazine, and web articles, including a profile in *Science* in April 2009 and features in *Science News* in 2000 and 2010.



Saturday Awards Breakfast Session

Terri M. Manning
*The Millennial Generation:
The Next Generation in
College Enrollment*

Saturday, November 12
Breakfast Served: 7:45-8:00 am (**Ticket Required**)
Program: 8:30-10:00 am
Governor's Ballroom

The 2011 AMATYC Awards Breakfast Speaker, Terri Manning, brings important information about the Millennials, born between 1982 and 2002. These people have been plugged into technology since they were babies, are true multi-taskers, expect to have six to eight careers, and are attracted to diverse environments. As educators, we must be prepared to embrace these students with up-to-date technology, as well as programs and services that keep them interested and involved while teaching those whose most consistent teacher has been a computer.

Over 81-million Millennials have entered K-12, college, and the workforce, replacing Baby-boomers as they retire. The workforce will be inundated with Millennials over the next 10 years. Business owners and managers must be informed about the Millennials to be prepared for what is heading their way. The Millennials will pose new challenges and great opportunities for the workforce. Businesses that plan for and embrace them will reap great reward.

Manning is the Associate Vice President for Institutional Research and the Assistant to the Executive Vice President at Central Piedmont CC, Charlotte, NC, where she also serves as the Director of the Center for Applied Research. The college is very proud of this initiative and believes it is the first community college in the U.S. to have a self-supporting research center. The first study Manning and her staff undertook through the research center was on the millennial generation and was funded by the local workforce development board. Responding to interest created by this research among colleges and businesses, Manning has delivered over 80 keynote presentations at national meetings, for colleges across the country, and with local businesses.

Manning received her doctorate in Higher Education from Oklahoma State University. She has been at Central Piedmont CC since 1998. Before that she was fulltime graduate faculty at the University of North Carolina at Charlotte for seven and one-half years, at Oklahoma State University for two years and part-time at Tulsa CC for seven years.

FEATURED SPEAKERS

Philip “Uri” Treisman

New Pathways to Success: Lessons Learned from Statway and Quantway

Friday, November 11, 3:30 pm



Philip “Uri” Treisman shares how 27 community colleges and systems are building accelerated pathways to and through developmental education with the goal of helping students complete a college credit course within one year. He tells about the research underlying these courses, the lessons learned during their design, and the implementation of the initiative. Treisman begins with an analysis

of the problem that the new pathways are designed to solve, not only to generate awareness, but to present surprising data on the successes and failures of developmental education. He compares and contrasts approaches to developmental education redesign. He describes the process of creating new pathway outcomes and a novel approach to translating recent advances in the psychological research into tools that support student success. Finally, he describes the challenges of scaling these pathways so that they are normative offerings in the nation’s community colleges.

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 where he directs 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.

In addition to his university activities, Treisman is involved in organizations, commissions, and groups that work to improve American education, especially in science and mathematics, such as the New Teacher Project, the American Federation of Teachers Innovation Fund, the Military Child Education Coalition, the STEM Education Working Group of the President’s Council of Advisors on Science and Technology, and the Carnegie Institute for Advanced Study Commission on Mathematics and Science Education.

Treisman was named a MacArthur Fellow in 1992 for his work on nurturing minority students to high achievement in college mathematics and 2006 Scientist of the Year by the Harvard Foundation of Harvard University for his outstanding contributions to mathematics. In all of his work, he advocates for equity and excellence in education for all children.

Jerry Woodfill

Failure “IS” an Option that Leads to Success

Friday, November 11, 1:00 pm

Saturday, November 12, 10:45 am (encore)



“Houston, we have a problem,” sounded in the headset of Jerry Woodfill, Apollo 13’s Warning System Engineer. Another quote associated with that mission is “Failure is NOT an option.” This presentation, however, inspires math faculty to use failure as an option leading to success, based on the speaker’s 45-year NASA career. This is a “been there, experienced that” session empathetic to past student

or faculty disappointments while aiming to instill perseverance in pursuit of academic goals. Using personal accounts of fear, frustration, and failure leading to success, Woodfill will incorporate multimedia clips, live music, recreated historic speeches, and humor to entertain, motivate, and instruct.

Woodfill was attending Rice University on a basketball scholarship when he heard President John F. Kennedy speak in Rice Stadium about the race to the moon, which inspired him toward his NASA career in Houston after earning his BAEE and BSEE degrees. Currently, Woodfill is the Technical Managers’ Representative for NASA/JSC Software, Robotics and Simulation Division.

At the onset of the lunar landing program, Woodfill managed the spacecraft warning systems. He was monitoring spacecraft Eagle’s descent when Neil Armstrong landed on the Moon. Likewise, on April 13, 1970, he was monitoring Apollo 13’s warning system when the vehicle exploded. For his role in the rescue, he shared the Presidential Medal of Freedom as a member of the Apollo 13 Mission Operations Team. His system was the first alert of the life-threatening malfunction depicted in the Tom Hanks-Ron Howard movie “Apollo 13.” Woodfill became Universal Studios’ national spokesman to the media for the release of the film “Apollo 13: The IMAX Experience.” This also led to his sharing a multi-media program entitled “Thirteen Things That Saved Apollo 13.”

As a motivational speaker, Woodfill compares various goals of our students to events in the moon landing mission or the Apollo 13 rescue. He uses a reenactment of President Kennedy’s speech to encourage the obtaining of a college degree. Woodfill demonstrates that the ultimate good can be achieved through perseverance because 1) initial failure can be a catalyst for success, 2) all students have unique talents which set them apart as gifted, and 3) what appears as a set-back leads to special abilities that might never have been discovered but for an unfortunate circumstance.

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 below for this year's featured categories and codes.

Thursday 7:50 am - 8:40 am

- S1** **How to Reach Students Who Believe They Will Fail**
(D, SS, TT, RB)
Jim Sheff
- S2** **Collaboration Among Colleges to Drive Research-based Instruction (TT, IS, RB, C)**
Humberto Laurel, Beatriz Salinas-Riojas,
Roman Skopal
- S3** **Giving the Responsibility Back to the Student (D, IS, SS)**
Molly O'Neill
- S5** **Creating Video Podcasts that Connect (TT, IS)**
Evan Evans, Larry Huff
- S6** **Reinventing the Wheel: Course Redesign from Prealgebra Through Precalc (DI, C, A, RB)**
Susan McLoughlin
- S7** **Visualizing Concepts Using Today's Innovative Technologies (TT, D)**
Sophia Georgiakaki
- S8** **Mastery-based Developmental Math and Success in College Algebra (D, DI, RB)**
Miriam Hundley, Tracy Watson
- S9** **Serious About "that 1 Series" (MI, H)**
Steven Kifowit
- S10** **Calculus in Hybrid Format: Pros, Cons, and a Whole Lot in Between (TT, IS, MI)**
Melinda Rudibaugh

Thursday 9:00 am - 9:50 am

- S11** **Student Engagement Ideas that Improve Success and Retention (RB, IS, D)**
Kim Tsai Granger
- S12** **NADE Certification: An Overview (DI, D, G)**
Linda Thompson, Gladys Shaw
- S13** **Of Elephants, Fuzzy Dogs, Teaching Backwards, and Engaging Students (IS)**
Dave Sobecki
- S14** **AMATYC 101 (G)**
Donna Saye, Jean Woody
- S15** **Websites as Resources to Supplement the Textbook and Instruction (SS, TT, G)**
Amber Rust

- S16** **Beyond Beyond Crossroads: Aligning with CRAFTY and the Common Core (C, GE, IS)**
Gregory D. Foley
- S17** **Calculus: Nonroutine Problems and Their Nonroutine Solutions (MI, IS)**
Keith Nabb
- S18** **Randomize, Repeat, Reject: Teaching the Concepts of Hypothesis Testing (ST, TT, IS, A)**
Robert Gould
- S19** **Using Clickers in the Classroom (TT, D, IS)**
Dona Boccio
- S20** **Encouraging Critical Thinking and Communication in Developmental Math (IS, D)**
Mark Clark

Thursday 9:00 am - 10:55 am

Themed Sessions

- T1** **Precalculus, Calculus, and Beyond**
 - T1A** **Geocaching with a GPS: An Application of Spherical Trigonometry (MI, TT)**
Eric Hutchinson
 - T1B** **In-class, Hands-on Activities for Diff Eq and Linear Algebra (MI, IS, TT)**
Helen Mirtova

Austin 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.)

Thursday, November 10

T1C	The Transit of Venus: An Invitation to Higher Mathematics (MI) Thomas Kelley	S25	Oh, the Things I Wish I Would've Known! (TT, IS) Cathey Jordan
T1D	How Should Mathematical Induction be Taught in Precalculus? (MI) Alexander Atwood	S26	Teaching Mathematics to Students with Visual Impairments (SS, TT, IS) Gaeir Dietrich, Barbara Illowsky
T1E	Constructing a Family of Functions with Easily Computed Arc Length (MI) Siham Alfred	S27	Is Your Tutoring Program Certified? (SS, D) Timothy Britt
T1F	Calculus Redesigned: A New Approach to Calculus Instruction (MI, IS, TT) Jason Samuels	S28	What Math Knowledge Is Needed to Teach the Common Core Standards? (TP, C) Maria DeLucia, Yvonne Greenbaum
T2	Aspects of Placement and Assessment	S29	The Value of Absolute Value (MI) Ed Miller
T2A	Formative Assessment: When Placement and Testing Are Not Enough (A) Donna Tupper	S30	Making the Transition to a Graphs & Models Approach to College Algebra (IS, MI, DI, TT) John Coburn
T2B	"But this Isn't English Class!" Using Writing to Learn Mathematics (IS, A) Shelly Ray Parsons	Thursday 11:20 am - 12:10 pm	
T2C	Online Classes and Proctored Testing (A, TT) Behnaz Rouhani	S31	Mother and Child Reunion (G, IS, SS) Melinda Rudibaugh, Evan Rudibaugh
T2D	Adaptive Initial Placement (A, TT) John Miller	S32	A Different Strategy for Solving Optimization Problems in Calculus (IS, MI) David Graser
T2E	Assessment of a New Mathematical Reasoning Course (A) Ed Gallo	S33	Teaching Mathematics Using Smart Pen Technology (TT, IS) Robert Vilardi
T2F	The Assessment Cycle and Mastery Learning (A) Wayne Mackey	S34	Elementary Mathematics Specialists Certification: Building Momentum (TP, C, RB) <i>Marilyn Strutchens, President, Association of Mathematics Teacher Educators</i>
Thursday 9:00 am - 11:00 am			
W1	Cinconia: Preservice Teachers Discover Math! (TP, IS) Heather Riordan, Sybille Clayton	S35	Exam Review – Make It Work! (A, IS, SS) Jodi Cotten, Sean Simpson
W2	How Can We Make "My Last Math Class Ever" Fulfilling for Our Students? (IS, GE, MI, A) Christopher Oehrlein	S36	Mathematics in Craps and Roulette (ST, GE) Greg Fiore
W3	Teaching Undergraduate Statistics Using R and Spreadsheets (ST, TT) <i>[bring your laptop]</i> Salil Das, George Perkins	S37	Adding Structure to the Algebra Classroom to Build a Strong Foundation (IS, TT, RB, D) Anthony Ponder, David Hare
Thursday 10:10 am - 11:00 am			
S21	Multicultural Classroom Research Within Mathematical Thinking Courses (RB, IS, TT) Irene Duranczyk	S38	Fun with the "F's" in Math (IS, D, MI) Mari Peddycoart
S22	Varied Approaches to the Use of Classroom Response Systems (IS, TT, A) Michael McCarthy, Herbert Coleman	S39	Two of My Coolest Linear Algebra Projects (MI) Mark Omodt
S23	Statway and Quantway: Networked Communities in Developmental Math (D, C, GE) Karon Klipple, Jane Muhich, Julie Phelps, Jack Rotman	S40	Mathematics Myth: The Influence of Culture on Learning Mathematics (G, RB) M. Joanne Kantner
S24	Calculator Simulations for Statistics and Probability (ST, IS, TT) James (Rob) Eby	S41	Prerequisite Review? Try Something New! (IS, D, GE) Jim Trefzger
		S42	Teaching Math – Integrating Reading Strategies Makes a Difference! (D, IS, C, SS) Lynn Marecek, MaryAnne Anthony-Smith

S43 **The Platonic Solids: A Modern Existence Proof Through Graphs (MI, H, GE)**
Jean (Nicolas) Pestieau

W5 **Math CSI: Forensics in the Mathematics Classroom (C, G, D, IS)**
Karen Gaines

Committee Meeting

11:20 am - 12:10 pm
Developmental Mathematics

W6 **Tablet PCs: A Tool for Instructional Collaboration (TT, IS, A) *[bring your laptop]***
Michael Lafreniere, Gregory D. Foley

Thursday 1:40 pm - 2:30 pm

Thursday 12:30 pm - 1:20 pm

S44 **To Infinity and Beyond... (GE, IS, G)**
Candice Dance, Michael Oppedisano

S54 **Managing Math Anxiety (SS, IS, G)**
Cheryl Ooten

S45 **A Calculator that Does Not Calculate! (TT, D, IS)**
Derrick Saddler

S55 **"Lucky Larry" and Lines of Verse (G, IS, D)**
Timothy Mayo

S46 **Math Boot Camp – Getting Students into Shape Fast! (A, D, RB)**
Andreana Grimaldo

S56 **Research in Developmental Education Classrooms (RB, D, SS)**
Linda Zientek, Carlton Fong, Julie Phelps, Mel Griffin, Z. Ebrar Yetkiner

S47 **Rethinking Probability in the Introductory Statistics Course (ST, IS, RB)**
Roxy Peck

S57 **Statistics in Action: The Evolution of a Service-Learning Project (ST, C, IS)**
Mary DeHart, James Ham

S48 **Redesigning Developmental Education at 23 Colleges: Virginia's Story (D, DI)**
Susan Wood, Jane Serbousek, Donna Jovanovich

S58 **If I'd Had to Use a Slide Rule, I Would Never Have Majored in Math! (H, G, GE)**
Janet Teegarden

S49 **Visual Verification of Homework Problems in Multivariable Calculus (MI, TT)**
Paul Seeburger

S59 **Rapid Content Generation for Mathematics (TT, ST, A)**
Calvin Williamson, Jennifer Shloming

S50 **Comparison of U.S. and South Korean 4th Grade Mathematics Education (TP, G)**
Heather Gamber, Chinyoung Bergbauer

S60 **Academic Training for Underprepared Math Students (D, SS)**
Brian Goetz

S51 **Study Skills in Mathematics (SS, D)**
Jason Cates

S61 **Tech-agogy: Appealing to the Culture-Style of Today's Students (TT, IS, MI)**
Sharon Sledge, Nelson Carter, Cheryl Mott

S52 **Students Can Succeed if the Learning Environment Suits Their Needs! (IS, SS)**
Jamie Blair

S62 **Improving Calculus Instruction Using Visualization and Technology (MI, TT, RB)**
Jason Samuels

S53 **United States Geography Meets Spherical Trigonometry (MI, C, G)**
Dale Johanson

S63 **Preparing Our Future Teachers for a New Curriculum (TP, IS, C, RB)**
Joyce Lindstrom

Committee Meeting

12:30 pm - 1:20 pm
Research in Math Education in Two-Year Colleges

Committee Meeting

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

Thursday 12:30 pm - 2:30 pm

Q1 **Department/Division Chairs' Colloquium (DI)**
Sean Simpson, Ron Hammond

W4 **Creating a Community of Learners to Improve Student Success (IS, SS, D)**
George Woodbury

Thursday 3:00 pm - 4:30 pm

Opening General Session

Remarks by

Rob Farinelli, AMATYC President

Speaker: Kenneth M. Golden

Climate Change and Mathematics of Sea Ice

Thursday 4:30 pm - 7:30 pm

Grand Opening of the AMATYC Exhibits

Thursday 5:00 pm - 6:00 pm

Reception for First-Time Attendees

Everyone attending an AMATYC conference for the first time is invited. If this is your first conference, please check the box at the top of the registration form. Come and get acquainted with your colleagues and with AMATYC.

Thursday 7:00 pm - 8:00 pm

AMATYC Forums

(see page 22 for complete description)

7:00 pm - 7:30 pm

Conversations About AMATYC

Moderators: Rob Farinelli, Mike Hardie, Rikki Blair, and Jane Tanner

7:30 pm - 8:00 pm

Input Hearing on the Position Statement on Proctored Testing

Moderator: Mary Beth Orange

Wireless High-Speed Internet Service (WiFi)

WiFi is available in the guest rooms for a charge of \$13.95 per twenty-four hour period.

➤ WiFi is complimentary in the Java Jive Coffee Shop, located in the lobby of the Hilton Austin.

Friday 7:30 am - 9:30 am

Regional Meetings* & Buffet Breakfast

Northeast - Jane Tanner	Mid-Atlantic - Ruth Collins
Southeast - Donna Saye	Midwest - Nancy Sattler
Central - Steven J. Wilson	Southwest - Jean Woody
Northwest - Stefan Baratto	West - Bruce Yoshiwara

Breakfast Served: 7:30 am - 8:00 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 9:30 am - 10:30 am

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

Special Event

9:30 am - 10:30 am

8th Annual Faculty Mathematics League Competition

Compete for individual prizes as well as the traveling Regional Championship Trophy! Bring your calculator.

Friday 10:30 am - 11:20 am

S64 Fast Track – A Sure Bet to Improve Placement (D, RB, A)
William Coe, Suzanne Williams, Debra Moses, Jane Weber

S65 So It's 2 a.m. and NOW You Want to Know How to Do the Problem? (TT, IS)
Jody DeVoe, Russell Takashima, Julie Phelps

S66 Early American Mathematics and the Presidents (H, G)
Andrew Perry

S67 Technology in Statistics (ST)
Marty Triola

S68 Check Out this App: Using WeBWorK with Applets in a Calculus Class (MI, TT, A)
Katie Cerrone

Friday, November 11

- S69 **Effective, Sustainable, and Research-based Professional Development (DI, RB, A)**
Cheryl Keeton
- S70 **Using Reasoning and Sense-making to Improve Student Performance (IS, TT, MI)**
Wade Ellis

- S71 **Partial Credit: Friend or Frankenstein? (A, G)**
Anne Praderas

- S72 **Team-Teaching Mathematics and Reading Courses: A Pilot Study (D, IS, C)**
Lisa Casper, Chris Yuen

Friday 10:30 am - Noon

- C7 **CASIO America, Inc.: Engaging Students by Activating Interest – They Love the ClassPad**
Adrienne Goldstein, Diane Whitfield

- C8 **Pearson: Beyond the Basics**
Irene Doo

- C9 **iLearn: Increase Passing Rates with Dynamically Optimized Courses for Dev Math**
Robert Collins

Friday 10:30 am - 12:25 pm

Themed Sessions

T3 Innovative Teaching and Learning

- T3A **Using Technology for Peer Review (IS)**
Fred Feldon

- T3B **A Brief Introduction to Open Educational Resources (TT, IS)**
Barbara Illowsky

- T3C **Change the Classroom, Change the Teaching (IS)**
Maria Andersen

- T3D **Using a Smart Pen (TT, IS)**
George Hurlburt

- T3E **Computer-aided Instruction: Where do I Fit In? (TT, IS)**
Dan Petrak

- T3F **Multi-faceted Approach to Online Math Assistance (TT, IS, SS)**
Ruth Geiman

T4 Best Practices in Teacher Preparation

- T4A **Looking at How Number Tiles Can be Used in the Classroom (TP)**
Jane Hammontree

- T4B **Great Writing Projects in Math Courses for Elementary Teachers (TP)**
Ed Gallo

- T4C **Using Origami to Develop Mathematical Skills and Concepts (TP)**
Mark Kuhlman

- T4D **Exploring Technology by Going Back to Elementary School (TP, TT)**
Michelle Doucette

- T4E **A New Curriculum Is Coming! What Is It? (TP, G)**

Joyce Lindstrom

- T4F **Math Anxiety Speaks of What Elementary Teachers Should Know (TP)**

Clyde Greeno

Friday 10:30 am - 12:30 pm

- W7 **Statway/Quantway: Learning Theory, Design and Lesson Pilot Protocol (D, C)**
Karon Klipple, Jane Muhich, Nicole Gray, Rachel Mudge

- W8 **Let's Do this Together: Encouragement, Collaboration, & Accountability (IS, G)**
Frank (Trey) Cox

- W9 **Improving Instruction Using Dynamic Solution Exercises (RB, A, IS, D)**
Michael Flesch, Elliott Ostler

- W10 **Developing Quantitative Literacy (GE, IS)**
Brian Beaudrie, Barbara Boschmans

- W11 **Biological Models in the Mathematics Classroom (TT, C, MI) *[bring your laptop]***
Timothy Comar

Friday 10:30 am - 4:45 pm

Product Demonstrations by AMATYC Exhibitors AMATYC Exhibit Hall

Exhibitors will conduct 30-minute product demonstrations in the Exhibits Area. The titles, descriptions, and speakers will be given in the conference program and displayed in the Exhibit Hall. Check which companies will be presenting and which new products will be demonstrated. Plan to attend one or all.

Friday 11:45 am - 12:35 pm

- S73 **Let's Vote . . . Everybody Wins! (GE, TT)**
Thomas Pirnot

- S74 **"Traditional" Mathematics Revealed (G, H, IS)**
Gary Rockswold

- S75 **Investigation of Math Teaching in the U.S. and China (IS, MI, G, C)**
Xiaoyi Ji

- S76 **Inverse Functions: What Our Teachers Didn't Tell Us (MI)**
Frank Wilson

- S77 **Am I My Students' Mother? (SS, A, IS)**
Alison Schubert, Nancy Rivers

- S78 **I'm an Excellent Teacher and I Can Prove It! (DI, G, A)**
Hazel McKenna

- S79 **The Home Team Advantage in Sports Play-offs (G, MI)**
Joseph Browne

Friday, November 11

- S80 **Writing Mathematically...What Are We Trying to Prove, Anyway? (A, IS, G)**
Anne Magnuson
- S81 **Teaching Inverse Functions with Cryptography: An Interactive Approach (TT, C, H)**
Leandro Junes, Lisa Harden
- S82 **Ten (or More) Simple Ways to Be More Time Efficient in the Classroom (IS, TT, RB)**
Dennis Runde
- S89 **Visualizing the Central Limit Theorem Using Real Data (ST, IS)**
Martha Goshaw
- S90 **Bring Your Teaching into Online Courses with Videos and Office Hours (TT, D)**
Denise Robichaud
- S91 **Proportional Reasoning Abilities of Students Taking Basic Mathematics (RB, D, A)**
Ann Sitomer

Friday 12:30 pm - 2:00 pm

- C11 **Pearson: Student-Centered Teaching Strategies: MyMathLab, MyStatLab, and MathXL**
Irene Doo
- C12 **McGraw-Hill Higher Education**
Check the conference program for complete details.
- S92 **Polya, Problem-Solving, and Developmental Mathematics (D, IS)**
Laura Bracken
- S93 **What's the Function of Functions in Intermediate Algebra? (IS, D)**
Jay Lehmann
- S94 **Making Calculus Come Alive Through Group Projects and Activities (IS, MI, A)**
Mark Colgan

Friday 1:00 pm - 1:50 pm

- S83 **How Educated Are Our Teachers? (TP, G, RB)**
Lindsey Gerber
- S84 **A Mathematical Travelogue (H, C, GE)**
David Price, Elise Price
- S85 **Failure "IS" an Option that Leads to Success (G, C, SS)**
Jerry Woodfill, *Featured Speaker*
- S86 **Successful Redesigns: Proof and Process in the Algebra Sequence (IS, TT, RB)**
Katey Arnold, Byron Dyce, Laura Younts
- S87 **Standards-based Grading in the Community College Setting (A, RB)**
Meghan McIntyre
- S88 **Catch Me if You Can (G, TT, DI)**
Jeremy Coffelt, Vanessa Coffelt
- S95 **A History of Trigonometry and Classroom Applications (MI, H)**
Mohandas Raj, Martha Nega
- S96 **Math Club: A Ten-Year Success Story! (G, C)**
Jeganathan Sriskandarajah
- S97 **Hands-on Activities in the Prealgebra Classroom (D, IS, TP)**
Mary Brown, Suzanne Rosenberger, Mary Harris, Renee Sundrud, Allison Pfaff
- S98 **So, You Have an Idea and Need Grant Funding! (G)**
Dana Calland, Mary Kay Abbey, Nancy Sattler

Friday 2:15 pm - 3:05 pm

- S99 **Building an Online Class Using a Tablet PC (TT)**
Mathew Williamson
- S100 **Can Mind Benders, Verbal Explanations & Journals Engage Students? (IS, D)**
Joel Helms
- S101 **More Calculus Problems that Promote Understanding (MI, RB, IS)**
Robert Cappetta
- S102 **Anthropological Enrichment in the Algebra Classroom (C, H)**
Erica Hastert, Randal Allison
- S103 **New Life Takes on the Emporium Model for Redesign (D)**
Jack Rotman
- S104 **Get All Students to Do All Homework All the Time - Guaranteed! (A, IS, RB)**
Scott Adamson
- S105 **Teaching Statistics: Analyzing Voting Data from Dancing with the Stars (ST, TT)**
Jason Gershman

Austin 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 11

- S106** A Call for Technical Reading in Precalculus (SS, IS, MI)
David DeLong
- S107** Where Do K-12 Teachers Learn the Mathematics They Teach? (TP, RB)
Janet Tarjan, Jennifer Garcia
- S108** Increasing Success in Developmental Mathematics: A Study (D, A, IS, RB)
Dennis Ebersole
- S109** Has Today's Technology Influenced the Way You Teach? (TT, IS, G)
Christy Jackson
- S110** Visualizing Mathematics by Importing Images (TT, MI)
Joanne Caniglia
- S111** Liberal Arts Mathematics – A Project-based Approach (GE, IS, TT)
Mark Roland
- S114** New Pathways to Success: Lessons Learned from Statway and Quantway (D, RB)
Philip "Uri" Treisman, *Featured Speaker*
- S115** STEM Education: A Global Perspective on an American Crisis (C, A)
Brian Hagelstrom
- S116** Capturing Student Interest in the Applied Calculus Course (IS, TT, MI)
James Stewart, Daniel Clegg
- S117** Using Simulation and Resampling in Introductory Statistics (ST, IS, TT)
Michael Sullivan
- S118** Win-Win for All Students (TT, IS)
Victoria Wacek, Vyjayanthi Manian, Kristin Oakes
- S119** Supporting STEM Transfer Students: Looking Beyond Required Courses (MI, IS, RB)
Bruce Simmons, Mark Yannotta
- S120** Forty-five Boredom Busters (IS, G)
David Ellenbogen
- S121** From Rote to Riches in Developmental Mathematics (IS, D)
Allison Cath, Janet Teeguarden
- S122** Using Internet Resources to Teach College Math for Liberal Arts (TT, GE, IS)
Theresa Jones, Sarah Hanusch
- S123** A New Approach for Business Calculus (TT, MI, IS)
Barbara Cavalieri
- S124** Improve Student Success by Resourcing Your Department's Adjuncts (DI, D)
Kim Tsai Granger

Friday 2:15 pm - 4:15 pm

- W12** Using Faculty Exchanges to Expose and Improve Student Understanding (A, DI, RB, D)
Peter Wildman, Margaret Balachowski, Michael Nevins, Terry Souhrada, Carren Walker
- W13** Dishin' Up a Plate Full of Trig (IS, MI)
Shelly Ray Parsons
- W14** Encouraging Mathematical Thinking in Elementary Education Courses (TP, IS, RB)
Jennifer Szydluk
- W15** Creating Interactive Mathematics Webpages with CaluMath (TT, MI) *[bring your laptop]*
Peter Turbek
- PS1** AMATYC Poster Session: In the Classroom and Beyond (See page 10 for a list of posters.)

Friday 2:30 pm - 4:00 pm

- C13** Hawkes Learning Systems: Mastering Math, Not the System
Brittany Walker
- C14** Pearson: Creating Custom Exercises in MyMathLab, MyStatLab, and MathXL
Irene Doo
- C15** McGraw-Hill Higher Education
Check the conference program for complete details.

Friday 3:30 pm - 4:20 pm

- S112** The Search for a KAP Gap in Collegiate Mathematics (RB, DI, IS)
Maria Andersen
- S113** Puzzles, Puzzles, Puzzles (G, GE, TP)
Kate Danforth, Lawrence Danforth

Friday 4:30 pm - 5:30 pm

Committee Meetings

Mathematics for AAS Programs
Placement and Assessment
Research in Math Education in Two-Year Colleges
Teacher Preparation

Friday 4:30 pm - 6:00 pm

Committee Meetings

Developmental Mathematics
Division/Department Issues
Innovative Teaching and Learning
Mathematics Intensive/College Mathematics
Statistics

POSTER SESSION

Friday, November 11 ♦ 2:15 pm - 4:15 pm
Check the Conference Program for descriptions.

- P1 Analysis and Comparison of Placement Methods for Intermediate Algebra (A, D, RB)**
Amy Barnsley, Judith Atkinson
- P2 John Robinson's Sculpture Mathematics (G, GE)**
Mihaela Blanariu
- P3 Do Your Homework! Take a Quiz! (A, IS)**
Eric Bouldin
- P4 Students' Study Skills and Understanding of Mathematical Connections (IS, SS)**
Thomas Campos
- P5 Mentoring Low-Income STEM Majors (MI, SS)**
Amy Curry
- P6 FIT: Facilitating Innovative Transitions (D, TT)**
Eden Donahou
- P7 Women in Mathematics and Science Course at Millersville University (G, H)**
Natalia Dushkina, Ximena Catepillan
- P8 Developmental Math Collections and Knowledge Exchanges (D, C, TT)**
Theresa Gallo, Guillermo Alvarez
- P9 Why Is Homework so Important? (A)**
Wei-Jen Hsieh
- P10 Podcasts and Learning Targets (IS, SS, TT)**
Lary Huff
- P11 Guided Notes for Introductory Algebra (D, IS, SS)**
Erinn Izzo
- P12 Making Math More Fun: Activities to Promote Student Success (D, IS)**
Keturah Johnson
- P13 Improvement Without Redesign: One Department's Story (D, IS)**
Nicole Lang
- P14 Using Online Practice Tests to Promote Student Success (A, TT)**
Jennifer LaRose
- P15 The Power of a Global Project in an Introductory Statistics Course (ST, IS)**
Barbara Leitherer
- P16 A CAFE of Considerations for Online or Hybrids (IS, TT)**
Nancy Leveille
- P17 Homework Within 24 Hours (A, RB)**
Jessica Lickeri, Lori Austin
- P18 Napier's Bones and Lattice Multiplication (H, TP, G)**
Jay Malmstrom
- P19 Basic Math and Learning Strategies Learning Communities: 29 in 2010-11 (D, C, IS)**
Ilva Mariani
- P20 Using Redesign to Accelerate Students Through Courses into Calculus (D, G)**
Eric Matsuoka, Jennie Thompson
- P21 Community College Students' Understanding of Equality Sentences (D, RB)**
Arda Melkonian, Doris K. Melkonian
- P22 Raising the Assessment Score Through Technology (A, D, TT)**
Cailin Mistrille
- P23 Directed Learning Activities to Improve Developmental Student Success (D, IS, RB)**
BK Mudunuri
- P24 Mathematical Voyage - The Dimensions Program (D, IS, RB)**
John Pazdar, Patricia Hirschy
- P25 Testing Some Student Success Factors (IS)**
Sosina Peterson
- P26 An Orientation Program for Beginning Algebra Students (D, IS)**
Ryan Petitfils
- P27 Effectively Utilizing Digital Resources in Developmental Math (D, RB)**
Laura Reed
- P28 A Flexible, Open Approach to Developmental Mathematics: A Case Study (D, IS, RB)**
Ruth Rominger
- P29 Service-Learning with Intro to Statistics Students (ST)**
Barbara Savage
- P30 Impact of Homework Completion on Students' Final Grades (A)**
Gabriela Sprague, Sally Mulvey, Hanli Huang
- P31 Screen-capture Technology and Online Resources to Enhance Learning (G, IS, TT)**
Greg Stiffler
- P32 Does Mastery-based Software Improve Student Success in Mathematics? (A, IS)**
Gary Tataronis
- P33 Placement Testing Order and Its Effect on Coursework & Retention (A, D)**
David Usinski, Lynnette Meslinsky
- P34 Faculty Advising Initiative at Collin College (D, G, SS)**
Katerina Vishnyakova
- P35 Embedded Learning of Attributes that Support Self-Regulated Learning (D, IS)**
Carren Walker
- P36 Midwest Apex Project (MAP): Road MAP for Student Excellence in STEM (G, SS)**
Tingxiu Wang
- P37 Diagnostic and Review: Does It Help? (IS, MI, RB)**
Allison Wolf
- P38 Teacher-Student Interactions in Calculus Classes and Office Hours (IS, RB)**
Jun-ichi Yamaguchi
- P39 Analyzing Web Data on P-values and Confidence Intervals (ST, IS)**
Janet Zupkus

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

Rob Farinelli, AMATYC President

Speaker: Terri M. Manning

*The Millennial Generation: The Next Generation
in College Enrollment*

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

- S125 **Patterns in Puzzles, Numbers, and Nature (IS, GE, D)**
Don Hutchison
- S126 **What Helps Precalculus Students Succeed? (MI, IS, RB, TT)**
Greg Perkins
- S127 **Historic Preservation as an Applied Mathematics Context (G, C)**
Nan Jackson
- S128 **Failure “IS” an Option that Leads to Success (G, C, SS) [Encore Presentation]**
Jerry Woodfill, *Featured Speaker*
- S129 **Making Instructional Videos with Ease for Free (TT, D)**
Pete Surgent
- S130 **Evaluating Online Mathematics Faculty in Their Online Classroom (A, TT, DI)**
Christine Mirbaha
- S131 **Group Projects in Calculus (MI, IS, TT, A)**
James (Jay) Martin, Beth Tsai
- S132 **Students Helping Students: Passing the Baton of Success Through Film (SS, D)**
Martha Whitty

- S133 **Using “Prepare & Reflect” Worksheets to Foster Student Accountability (IS, SS)**
John Bakken, Debra Olson
- S134 **An Ethnomathematics Course for Non-Mathematics Majors (GE, H, G)**
Ximena Catepillan
- S135 **Implementing a Modeling Approach to Intermediate Algebra (IS, D, RB)**
Eric Wiesenauer
- S136 **Shooting for the Stars: Math and Baseball Players from Texas (ST, GE, G)**
Stephen Krevisky, Ernie Danforth, Patrick Riley
- S137 **Re-Thinking Precollege Mathematics Through Collective Inquiry (D, IS, DI)**
William Moore

Saturday 10:45 am - 12:15 pm

- C16 **Hawkes Learning Systems: The Internet Ate My Homework!**
Brittany Walker
- C17 **Pearson: MyMathLab: A New Generation**
Diane Gray

Saturday 10:45 am - 12:45 pm

- W16 **Mathematical Literacy for College Students: Bringing New Life to Life (D, IS, A)**
Kathleen Almy, Heather Foes
- W17 **Developing Problem-Solving Processes: Preservice Elementary Teachers (TP, IS, D)**
Deborah Ermoian, Pamela Miller, Beth Dawkins
- W18 **Playing with Multivariable Calculus Concepts Wearing 3D Glasses (MI, TT) [bring your laptop]**
Paul Seeburger

Committee Meeting

10:45 am - 12:45 pm
2012 Conference Planning

Saturday Noon - 12:50 pm

- S138 **What to Teach? What to Skip? Important Ideas in Developmental Math (D, IS, H)**
Thomas Adamson
- S139 **An Overview of Current Research About Community College Math Issues (RB, G, DI)**
Arda Melkonian, Doris Melkonian
- S140 **Apps for Today's Mobile Technology (TT, IS, MI)**
Marvin Bittinger
- S141 **De Anza's Math Performance Success Program – Twelve Years of Excellence! (D, SS, RB)**
Barbara Illowsky

Saturday, November 12

- S142 **The Mathematical Mysteries of Music (C, G)**
T. J. Johnson
- S143 **Mathematicians: An Odd Functioning People (H, G)**
Cynthia Martinez
- S144 **Using Discussion Boards and Surveys to Improve Study Skills (SS, G, TT)**
Angela Lawrenz
- S145 **Bringing Neuroscience into the Mathematics Classroom (G, TP, C)**
Alexander Atwood
- S146 **The Mathematics of Electric Bicycles (MI, G)**
Eric Hutchinson
- S147 **Bridging the Gap in Five Minutes (More or Less) (A, IS)**
Mary Pearce, Sharon Welker
- S148 **Rock/Paper/Scissors...Random? (ST, IS)**
Nancy Pfenning
- S149 **Try Something New in Your Mathematics Class (TT)**
Nadette Lukalu Munongo
- S150 **Differential Equations for Everyone (MI, TT)**
John Long
- S151 **Affiliate Sharing Session (G)**
Raja Khoury, Ali Ahmad
- S158 **Instructional Design: The Key to Successful Online Courses (TT, IS)**
Craig Hardesty, Davidson Pierre
- S159 **Mathematical Issues in the Transition from High School to College (C, D)**
J. Michael Shaughnessy, President, National Council of Teachers of Mathematics
- S160 **Student Mentoring Programs: Goals, Challenges and New Approaches (SS, RB)**
Abdramane Serme
- S161 **Can Study Skills Training and Peer Coaching Help Remedial Students? (D, RB, DI, SS)**
Leonid Khazanov, Fred Peskoff
- S162 **PAC Roundtable Sharing Session (A, DI)**
Connie Buller
- S163 **Mathematical Literacy – A Math Course Students Want to Take (GE, D)**
Jack Rotman
- S164 **Improving Student Performance in Developmental Mathematics (IS, SS, D)**
Thomas Carson
- S165 **Guide Your Students to Success Using Guided Notes (IS, SS, RB)**
Katherine Struve, Jessica Lickeri
- S166 **Mathematics Intensive Sharing Session (MI, A)**
Sandra Poinsett, Robert Capetta, Scott Peterson

Saturday 1:00 pm - 2:30 pm

- C19 **Pearson: MyMathTest Strategies for Placement Validation and Remediation**
Diane Gray

Saturday 1:15 pm - 2:05 pm

- S152 **The Shifting Learning Experience: What Is My Role? (TT, IS)**
Dan Petrak
- S153 **Do the Math - Three Years of Redesign and Counting (D, IS, DI, RB)**
Karen Wyrick, Jennifer Minutolo
- S154 **Shooting for the Stars: Best Practices in High-Performing Countries (IS, RB, C)**
Fary Sami, Stephen Krevisky
- S155 **Balancing Concepts and Skills with Inquiry-based Learning Applications (IS, MI)**
Cynthia Young
- S156 **Washington Open Course Library: Free/Open Complete Course Materials (G, IS, TT)**
David Lippman, Melonie Rasmussen
- S157 **Statway – Integrating Introductory Statistics and Developmental Math (ST, D)**
Karon Kipple, Roxy Peck

Saturday 1:15 pm - 3:15 pm

- W19 **Picturing Sound - A Sinusoidal Activity (IS, TT, MI)**
Gary Simundza
- W20 **Resources for Constructing Application Problems and Using Spreadsheets (TT, D, IS) *[bring your laptop]***
Andrea Hendricks, Todd Hendricks

Saturday 2:30 pm - 3:20 pm

- S167 **The Calculus Concept: What Are Students Really Learning? (MI, A, IS, RB)**
Scott Peterson
- S168 **Paving a New Statistics-based Pathway Without a Map (D, ST, DI, RB)**
Steven Tuckey, Alana Tuckey
- S169 **Mathematics Tips and Tricks (D, IS)**
Marilyn Larsen, Rose Shirey, Susan Morawski
- S170 **Innovative Teaching and Learning Sharing Session (IS, TT)**
Dan Petrak, Dianna Cichocki
- S171 **Computer Simulations for Algebra and Statistics Courses (TT, IS, ST)**
Richard Herbst

Saturday, November 12

- S172 **Students and Fuzzy Measurements (G, H)**
Joanne Peeples
- S173 **LACC Math Club: How to Prepare Students for the AMATYC Contest (G)**
Anatoliy Nikolaychuk
- S174 **Instructors Assess Every Step so Why Can't Software? (TT, D, H)**
John Miller
- S175 **How Many Representatives Will Your State Get? The Math Behind Congress (G, GE, H, C)**
Dana Sammons
- S176 **Math for AAS Programs Sharing Session: Making It Real (C, IS, TT)**
Nan Jackson, Lasse Savola, David Tannor
- S177 **Creating Interactive Lesson Plans with Innovative Technology (TT, IS, A)**
Alketa Gjokuria, Kim Sheppard
- S178 **So Much to Cover – So Little Time! (A, IS, ST)**
Susan Grapevine
- S179 **Shooting for Success: Life in the Fast Lane of Part-Timers (DI, G)**
Judith King, Judy Giffin

Saturday 4:00 pm - 6:00 pm

Delegate Assembly

Delegates are to be seated by 3:45 pm.

Sunday, November 13

Sunday 8:15 am - 9:05 am

- S180 **A Day Without Statistics Is like a Day Without Sunshine (ST, IS)**
Penny Morris, Jim Rhodes
- S181 **Useful Tips for Teaching Developmental Mathematics (D, IS)**
Merrie Van Loy
- S182 **Projects for Preservice Teachers (TP, IS, C)**
Dianna Lee, Honey Kirk
- S183 **Rescue Math 1101! When 70% Just Isn't Good Enough (A, IS, RB, TT)**
Blanche Presley, David Vogel, Charla Baker, Jeremy Aikin
- S184 **Involving and Supporting Part-Time Faculty in Departmental Change (DI, D, RB)**
Helen Burn
- S185 **Mathematics Is Easier than English (SS, D)**
Edgar Fisher
- S186 **Much, Much Easier than Epsilon-Delta, but Just as Precise (MI, IS)**
Michael McClendon

Sunday 9:25 am - 10:15 am

- S187 **"Traditional" Mathematics Revealed (G, H, IS)**
[Encore Presentation]
Gary Rockswold
- S188 **Utilizing Experiential Learning in Statistical College Algebra (IS, ST, RB)**
Thersa Westbrook

- S189 **Addressing Multiple Learning Styles in Fast-Track Developmental Math (D, IS, TT)**
Rita Eisele
- S190 **Teaching About the Future in the Mathematics Classroom (GE, C)**
Peter Bishop
- S191 **Voices of (Mathematics) Course Repeaters (RB, A, DI)**
Laurie K. McManus
- S192 **Speaking Polynomially and Rationally (MI)**
Noureddine Benchama
- S193 **Graphing Trig Functions Using the Order of Operations (MI, TT)**
David Dudley

Sunday 10:30 am - 11:15 am

Closing Session

Rob Farinelli, AMATYC President

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

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 it is recommended that you purchase an AMATYC membership first. 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)

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 11/30/11 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 11/30/11, 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", 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. Affiliate Scholarship

If you have been selected to receive an affiliate scholarship, select "conference discount member" option from list (online registration) and provide the discount code that has been provided to you.

4. 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 the box at the top of the registration form or at the beginning of the online registration process. You will be given a code to apply at checkout. *[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.

5. Single-Day Rate

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

6. Foundation Donations

Please consider making a donation to the AMATYC Foundation. You can make contributions on the conference registration form. Any donations made with the conference registration are eligible for the on-site drawing in Austin for a complimentary discount conference registration for Jacksonville or a one-year membership. 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.

7. Saturday Breakfast Choices

Non-vegetarian: includes meat serving
Vegetarian: low-fat/vegetarian

8. 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.

9. Deadlines

To qualify for the discount rate, if submitted via mail, registration form with payment must be postmarked on or before September 30, 2011. If submitted via the web or faxed, the completed registration form must

be received on or before October 7, 2011. Registrations that do not meet these deadlines will be processed at the regular rate.

After these dates registration will continue at the regular rate. All forms, whether mailed, faxed or online, must be **received** in the AMATYC Office by October 14, 2011. **After this date, registration will be available on-site only.**

10. 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 26, 2011.** A 50% refund less a \$10 service fee will be given if your written request is postmarked on or after October 27, 2011, and by November 9, 2011. No refunds will be given for requests postmarked on or after November 10, 2011. Requests for return of overpayments must be in writing and received by the AMATYC Office no later than December 15, 2011. 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.

11. 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 on the paper form indicating you wish your name excluded from any non-AMATYC mailing lists, your mailing information will not be provided to external agencies. If registering online, you must select the "opt-out" feature in your record profile to prevent your information from being released.

12. 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 21, 2011, at 901.333.6243 or bvance@amatyc.org.

13. If you have any questions, please contact the AMATYC Office at 901.333.6243 or by email at amatyc@amatyc.org.

American Mathematical Association of Two-Year Colleges

37th 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, 2011. If submitted via the web or faxed, the completed registration form must be received on or before October 7, 2011.

Check here if this is your first AMATYC conference.

If first conference, you are encouraged to attend "AMATYC 101" and the reception for first-time attendees. (See page 21 for details.)

Name _____
Please type or print legibly.

Nickname on Badge _____

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 901.333.6243 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 19 for eligibility.)

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

Saturday Breakfast Choices (choices are available until 10/7/11)

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 901.333.6251 if using credit card for payment. Registrations sent by mail or fax must be received on or before October 14, 2011.

AMATYC Member

Discount Registration	\$325	\$ _____
Regular Registration*	\$365	\$ _____
Single Day, Discount	\$125	\$ _____
Single Day, Regular	\$145	\$ _____

AMATYC Non-Member

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

Discount Registration	\$430	\$ _____
Regular Registration*	\$470	\$ _____
Single Day, Discount	\$150	\$ _____
Single Day, Regular	\$170	\$ _____

*postmark after 9/30/11, online or fax after 10/7/11

Affiliate Scholarship

Code _____
Complimentary Discount Registration (\$325) \$ (_____)

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.)

AMATYC Foundation

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. 11 Buffet Breakfast
 _____guest tkts. @ \$35/ea. \$ _____

Saturday, Nov. 12 Awards Breakfast
 _____guest tkts. @ \$35/ea. \$ _____

Breakfast: Non-vegetarian Vegetarian
 (choices are available until 10/7/11)

TOTAL \$ _____

AMATYC Tax ID #11-2531258

Check # _____ Mastercard Visa
 American Express Discover

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 _____

Blank page

Make your reservations at the conference hotel: Hilton Austin

American Mathematical Association of
Two-Year Colleges (AMATYC)
November 10-13, 2011

Reservations received after October 19, 2011, 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 the front desk. Call hotel for suite availability.

Name _____

Credit Card No. _____ Exp. Date _____

Address _____

City _____ State _____ Zip _____

Signature _____

Telephone(_____) _____

American Express MasterCard Visa
 Discover Diners Club JCB International

College/Company _____

Accommodations Requested:

Names of Persons _____
Sharing Room: _____

Number of People: 1 2 3 4

Room Type: King 2 Beds
(Room type requests are noted, but not guaranteed.)

Arrival Date:_____Time:_____Departure Date:_____

Room Rates:

Single/Double: \$169* plus applicable tax \$ _____
Additional Person: \$ 20 plus applicable tax \$ _____
Total \$ _____

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

Online: www.hilton.com/en/hi/groups/personalized/A/AUSCVHH-TYC-20111105/index.jhtml?WT.mc_id=POG

Phone: 800.236.1592 (mention group code TYC)

Mail to: Austin Hilton
500 East 4th St.
Austin, TX 78701

**Room rates are quoted exclusive of applicable state, local, and occupancy taxes that are currently 15% (subject to change) or applicable service, or hotel-specific fees in effect at the hotel at the time of the meeting.*

Hotel Deposit: All reserved hotel rooms must have a deposit in the amount of the first night's room and tax by October 19, 2011. A deposit equal to one night's stay is required to hold your reservation. **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 less than 72 hours prior to arrival, your deposit will be forfeited.**

Conference Evaluation

To ensure that your opinions are considered in planning for future conferences, please complete and submit the online conference evaluation for the 2011 conference in Austin. After the conference you will receive an email with the link to the evaluation.

On-site Conference Registration

Austin Hilton * Registration Desk (Prefunction Area of Sixth Floor)

Wednesday, November 9	4:00 pm - 8:00 pm
Thursday, November 10	7:00 am - 6:30 pm
Friday, November 11	7:00 am - 5:00 pm
Saturday, November 12.....	7:00 am - 8:00 am
Saturday, November 12.....	10:00 am - Noon

FOR YOUR INFORMATION

Getting There

(all prices quoted are subject to change)

Airport/Hotel Transportation

SuperShuttle is offering conference attendees a 10% discount on airport transfers. For more information check the conference website. To make reservations use the link www.supershuttle.com/Sales/AMATYC.html. To receive the discount, use the Group Discount Code LGGT6.

A taxi from the airport to the hotel will cost about \$25. There is also a public bus system; to get to the hotel use Route 100 and exit at Congress & 7th. For more information on the cost and use of busses, check www.capmetro.org.

For more information on the Austin-Bergstrom International Airport, visit the website www.ci.austin.tx.us/austinairport.

Getting Around Austin

Within walking distance of the hotel, or just a short cab ride away, are many interesting sites. Austin is a very walkable city. Check with the Hospitality Room hosts and the hotel staff for more information. Use the website <http://austin.taxime.ca> to estimate cab fares.

Conference Housing

The 37th Annual AMATYC Conference begins on Thursday, November 10, at the headquarters hotel, the **Hilton Austin**, 500 East 4th St., Austin, TX 78701.



ACVB Photo/Hilton

A block of guest rooms at reduced rates has been reserved at the Hilton Austin until October 19, 2011, 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 if making your reservation by phone. Reservations can be made by calling 800.236.1592 or online at the website listed on the hotel form on page 17.

A deposit equal to one night's stay is required to hold your reservation. A personal check, money order, or a valid American Express, Visa, MasterCard, Diners Card, Discover Card, or JCB International card number and expiration date can be used for the deposit. **If you do not check into the hotel on the first night of your reservation, your deposit will be forfeited and your reservation canceled.** If you must cancel your reservation, please make the cancellation at the earliest possible date to avoid losing your deposit. Deposits will not be refunded for rooms canceled less than 72 hours prior to arrival. Name changes may be made up to three days prior to arrival at no charge.

Staying in AMATYC's block of rooms at the conference hotel has many benefits. You will be one block from the 6th Street Entertainment District in the heart of Austin. You will also be helping AMATYC keep down conference costs. A significant way AMATYC is able to keep the registration rates 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.

Parking

At the Hilton Austin, self-parking is \$20 per day and valet parking is \$27 per day.

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 "37th AMATYC Annual Conference" link, then the "Request a roommate for the conference" link found on that page no later than October 14, 2011. 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. Also, when making a reservation with one or more roommates, please be sure to provide the hotel with the names of all individuals staying in the room.**

Registration Information

Registration

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

To qualify for the discount registration rates of \$325 member and \$430 non-member, **registration forms must be postmarked, if submitted via mail, on or before September 30, 2011. If submitted via the web or faxed, the completed registration form must be received on or before October 7, 2011.**

After these dates, registration will continue at the regular registration rate of \$365 (member) and \$470 (non-member). All registration forms, whether mailed, faxed or online, must be **received** by October 14, 2011. **After this date, registration will be available on-site only.**

On-site registration will be available at the regular rate (\$365 member and \$470 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 or completed online will receive an email receipt that includes a confirmation number and payment information. If you do not receive an email, 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 the box at the top of the registration form or at the beginning of the online registration process. You will be given a code to apply at checkout. *[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 **ONE** of the following options: Thursday only or Friday only or Weekend (Saturday/Sunday) only. This rate may be used only one time. For single-day registration rates, see the registration form on page 15.

The single-day registration includes admission to all concurrent sessions and workshops, general sessions, committee meetings, commercial presentations, 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



ACVB Photo

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 901.333.6243 or amatyc@amatyc.org.

Accepted Forms of Payment

AMATYC accepts payment by check, Visa, MasterCard, American Express and Discover. Payment **must** accompany a purchase order. If paying by check, please make payable to AMATYC (U.S. funds only).

Exhibitors

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

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 26, 2011. A 50% refund less a \$10 service fee will be given if written request is postmarked on or after October 27, 2011, and by November 9, 2011. No refunds for non-attendance will be given for requests postmarked on November 10, 2011, or later. Requests for return of overpayments must be in writing and received by the AMATYC Office no later than December 15, 2011. 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 W3, W6, W11, W15, W18, and W20 are computer workshops. AMATYC will not be able to provide computers for these workshops this year. Please bring your own laptop to benefit fully 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 October 21, 2011, at bvance@amatyc.org.

Food Allergies/Special Dietary Needs

If you are attending the AMATYC conference and have special dietary needs, please contact Beverly Vance at bvance@amatyc.org before October 21, 2011. AMATYC and the Hilton Austin will work with you to ensure your dietary needs are met.

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.



ACVB Photo/Austin Convention and Visitors Bureau

Special Events

Community Service Project

The conference committee and local Austin committee have chosen to hold a t-shirt drive to benefit Open Arms, a company in Austin which employs refugee women. So grab one of those old t-shirts your children leave lying around. Empty that drawer full of t-shirts from those road races or bike rides. Pack that Greatful Dead t-shirt your spouse says you should never wear again. Or wear a t-shirt from your college one day at the conference and donate it the next. Look for the collection box just inside the exhibit area at the Hilton Austin. For more information about Open Arms, go to www.theopenarmsshop.com.

Themed Sessions

There are four themed sessions this year. The first two will be held Thursday morning with the remaining two scheduled for Friday following the regional meetings.

“Aspects of Placement and Assessment” organized by the Placement and Assessment Committee will discuss current issues, ideas and tools in those areas. Dialogue with presenters will continue after the conference via email.

“Precalculus, Calculus, and Beyond” organized by the Mathematics Intensive/ College Mathematics Committee will share a variety of presentations focusing on college mathematics courses above the developmental level. The presentations offer ideas that can be taken back and quickly adapted to use in the classroom.

“Innovative Teaching and Learning” from the committee of the same name features creative methods that have been successfully used to teach students mathematics. Included will be ideas on peer review of student work, online educational resources, online learning and more.

“Best Practices in Teacher Preparation” presented by members of the Teacher Preparation Committee will share cutting-edge ideas and great classroom activities for courses designed to prepare future teachers.

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



Loop 360 Bridge at Sunset

ACVB Photo/Dan Herron, HerronStock.com

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 following academic committee meetings: Developmental 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, Statistics, and Teacher Preparation.

Poster Session

See innovative and practical ideas from your colleagues as well as reports on their latest research projects presented in poster format. This year's session will be Friday from 2:15 pm to 4:15 pm in the prefunction area of the sixth floor of the Hilton Austin. Posters will be available for browsing from Noon until 2:15 pm and after the session until 6:30 pm. During the session you'll be able to exchange ideas with the creators of the posters.

AMATYC 101

On Thursday at 9:00 am, Donna Saye (Southeast Region VP) and Jean Woody (Southwest Region VP) will host "AMATYC 101." If you are new to AMATYC or attending your first conference, join Donna and

Jean to learn how to maximize your conference experience. Meet other first-time conference attendees, enjoy conversation with colleagues, and get answers to your questions about AMATYC and the conference. Take advantage of this specially designed session to assist you in making the most of the professional development opportunities that are available during the conference and throughout the year.

Reception for First-time Attendees

Will Austin be your first AMATYC conference? In addition to attending "AMATYC 101" described above, take advantage of this special reception at 5:00 pm, Thursday, November 10, in the Liberty Tavern at the Hilton Austin. First-time attendees who self-identify on the registration form by checking "yes" to the question, "Is this your first AMATYC conference?" will receive an invitation for themselves and a guest. If you are new to the AMATYC conference scene, take advantage of this opportunity to enjoy refreshments and stimulating conversation while making connections.

Faculty Math League Competition

Participate in the Seventh Annual Faculty Math League (FML) contest. This year's contest will be held Friday morning at 9:30 am immediately following the regional meetings. This special time will allow attendees to participate in the

contest without missing any of the day's scheduled events. The FML is a competition based on the Student Math League contests sponsored by AMATYC. The twenty-question multiple choice exam covering precalculus mathematics will test your problem-solving skills. Compete for individual prizes as well as the traveling Regional Championship Trophy! Bring your calculator.

Affiliate Sharing Session

Affiliate leaders and members are invited to attend the Affiliate Sharing Session on Saturday, November 12, at noon, hosted by Raja Khoury and Ali Ahmad. This discussion will offer current and future affiliate leaders time to network, ask questions, and share ideas. Topics of discussion will include program and conference planning, ways to strengthen and grow your affiliate, and other questions from the group. Share your ideas and learn from others.

2011 Department/Division Chairs' Colloquium

The Department/Division Chairs' Colloquium, organized by Sean Simpson and Ron Hammond, 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. Topics this year will include the role and responsibility of chairs, redesign issues, and adjunct concerns.

Exhibits Grand Opening and Dedicated Exhibit Times

The always exciting Grand Opening of the exhibit area will take place on Thursday afternoon, November 10, at 4:30 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 9:30 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 9:30 am - 10:30 am

Saturday 10:00 am - 10:45 am

Note that the Exhibits are closed Friday 1:00 pm - 1:45 pm. Please plan your schedule to allow our exhibitors to have this time for lunch.

Exhibitor Product Demonstrations

Selected AMATYC exhibitors will conduct 30-minute demonstrations to highlight their products and services. These presentations will be located in the exhibit hall from 10:35 am to 4:45 pm 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. 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 10. While these forums are of special interest to AMATYC Delegates, everyone is invited to participate.

Conversations About AMATYC

Moderators: Rob Farinelli, Mike Hardie, Rikki Blair, and Jane Tanner

7:00 pm - 7:30 pm

This forum is an opportunity for AMATYC members to ask questions, share ideas, or just talk about AMATYC present and future.

Input Hearing on the Position Statement on Proctored Testing

Moderator: Mary Beth Orrange
7:30 pm - 8:00 pm

This is an input hearing for the proposed position statement "Proctored Testing" hosted by the Innovative Teaching and Learning Committee. Please, take this opportunity to offer your input.

Regional Meetings & Buffet Breakfast

Get to know the people and activities in your region, and interact with your

regional vice president on Friday, November 11, while enjoying breakfast. Be sure to bring your ticket for the breakfast which will be available from 7:30 am until 8:00 am. The regional meeting will be held from 8:00 am until 9:30 am.

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 at 4:00 pm. Note that this time is slightly earlier than in previous years in response to requests from participants. Delegates will receive the agenda and meeting information via email prior to the conference. Contact your regional vice president if you are a delegate and have not received this material by mid-October. Members who are not delegates may attend the Delegate Assembly in a special seating section.

General Information

Weather

In November, Austin temperatures usually fluctuate between 50 and 70 degrees, so be sure to bring a jacket. The best approach is to monitor the Austin weather before traveling. Bring comfortable walking shoes, too, in order to explore Austin.

Cheap & Unique Ways to Experience Austin in Two Hours or Less (or More!)

The So-Co Stroll

"So-Co," short for "South Congress," refers to the first mile of Congress Avenue south of downtown beginning about 200 yards after you cross the Colorado River on the Ann Richards Bridge. (This is the bridge that houses the largest urban bat colony from April - October). Funky antique shops, hip clothing boutiques, a true-Texas boot store, happenin' live music venues, a coffee shop known for celebrity-sightings, a smorgasbord of food served from street-side trailers, and your local committee's favorite Mexican restaurant.

Significant, but do-able walk (in comfy shoes!) from the hotel or approximately 1 mile/4-minute cab ride.

Outdoor Refreshment

Austin has repeatedly been voted one of the fittest cities in America, and one reason is our devotion to outdoor activities. Visit Zilker Park where you can play disc golf, stroll in the Botanical Gardens, swim year-round in a natural spring-fed pool, hike the Barton Springs greenbelt, play soccer, fly a kite, or bring the kids to enjoy an awesome playscape and ride the Zilker Zephyr around the perimeter of the park. You can also pick up the 10-miles of hike & bike trails—which connect to downtown near the hotel as well. Distance on the trails from downtown to Zilker Park is approximately 2 miles.

Cab ride of less than 3 miles/10 min from hotel.



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Liberal Arts Tour

Start at the Lyndon Baines Johnson Presidential Library (free!), which, along with the permanent exhibit, also houses traveling exhibits of cultural or historical significance. From there, take a cab to the Texas State History Museum to learn more about the Lone Star State. Across the street, you can visit the world-renowned Blanton Museum of Art which houses over 17,000 significant works of art and writing from around the world in its permanent collection.

Cab rides of less than 3 miles/10 min from hotel. About a mile walk from hotel to the state history museum.

The Party Life

Austin's nightlife is active every night of the year, and the hotel is one block away from the heart of the action, 6th Street. You'll hear live music coming from almost every door and on the sidewalks, too. Step into the historic Driskill Hotel, a beautiful (some say haunted!) building with the perfect patio for people-watching. Sixth Street tends to attract rock-and-roll or blues bands. For dance music, jazz, alternative, or international music, head west towards the Warehouse District (near 4th & Lavaca).

Easy walk from the hotel.

The Sporting Life

While we can't guarantee you tickets to a Longhorns football game (you'll be able to see the 100,000-seat stadium from the conference hotel), there are many opportunities to enjoy live sports here in Austin. The University of Texas also has nationally ranked men's and women's basketball, volleyball, and soccer teams, all of which should be active in November. Or check out the Friday Night Lights at a nearby high school football stadium—and we do mean stadium—fanatic fans, marching bands, and surprising athletic ability!

UT campus is less than 3 miles from the hotel; House Park High School football stadium is less than 2 miles from the hotel.

Shopping. Austin-style

Bop over to the intersection of 6th & Lamar where you'll find one-of-a-kind boutiques, homemade ice cream, an outstanding independent bookstore, funky diners, the flagship Whole Foods Market (including corporate offices, a cooking school, and fantastic rooftop patio—the place to be at sunset), and world-renowned music



ACVB Photo/Gibson

source, Waterloo Records (with try-before-you-buy listening stations and yes, they sell vinyl!). National chains REI, Office Depot, Chicos, and Title Nine can be found here as well.

One-mile or less walk from the hotel.

Want more details, directions, etc.?

Check out the official travel website for the Austin Convention & Visitors Bureau, www.austintexas.org. Check on bus routes on this website www.capmetro.org/ and estimate your cab fare at <http://austin.taxime.ca/>

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. *High Speed Internet Service is available in the guest rooms for a charge of \$13.95 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 \$13.95 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

A section of the Exhibits Hall (Hilton Austin Grand Ballroom Salons H/J/K on the 6th floor) will be equipped with a Wi-Fi hotspot. You may bring your laptop to check email during the Exhibits hours of operation. Because the number of connections at one time is limited, please keep your Internet use to a maximum of ten minutes per session.

The Java Jive Coffee Shop, located in the lobby of the Hilton Austin, provides free wireless access.

The hotel Business Center provides complementary printing of airline boarding passes.

Professional Networking/ Hospitality Room

Meet new friends or visit with colleagues in the Professional Networking/Hospitality Room located on the 6th floor terrace of the Hilton Austin. Enjoy a snack or beverage and just relax. Members of the Austin Local Events Committee, offering a warm welcome, will be there to orient you to the city and answer your questions.

Professional Networking/
Hospitality Room Hours
Wednesday 4:00 pm - 8:00 pm
Thursday 9:00 am - 2:30 pm
and 5:00 pm - 7:00 pm
Friday 10:00 am - 6:00 pm
Saturday 10:00 am - 1:00 pm

Jacksonville 2012

Program proposals to present in **Jacksonville** can be submitted at the AMATYC website, www.amatyc.org, beginning November 1, 2011. 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 Jacksonville is **February 1, 2012**.

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 America, Inc.

C7 Engaging Students by Activating Interest –
Friday They Love the ClassPad
10:30-Noon *Adrienne Goldstein, Diane Whitfield*
Why are students excited about the ClassPad? Attend and see why! Learn basic features of the ClassPad as you try examples from pilot classes ranging from liberal arts math to calculus. Learn different styles of teaching with focus on mathematics, using technology. Three participants will win a ClassPad handheld!!

Hawkes Learning Systems

C13 Mastering Math, Not the System
Friday *Brittany Walker*
2:30-4:00

C16 The Internet Ate My Homework!
Saturday *Brittany Walker*
10:45-12:15

Descriptions for C13 and C16 will be included in the conference program.

iLearn

C9 Increasing Passing Rates with Dynamically
Friday Optimized Courses for Dev Math
10:30-Noon *Robert Collins*
iLearn courses deliver dramatic improvements in passing rates with the “next generation” of mastery-based courses. Optimized courses make it easy to modularize through dynamic control of the curriculum and provide unparalleled learning support with a highly interactive technology solution.

McGraw-Hill Higher Education

McGraw-Hill Higher Education is conducting two commercial presentations (C12, Friday, 12:30 - 2:00 pm and C15, Friday, 2:30 - 4:00 pm). Titles and descriptions will be included in the conference program.

Pearson

C8 Beyond the Basics
Friday *Irene Doo*
10:30-Noon
Designed for instructors who understand the basics of MyMathLab, MathXL, MyStatLab and are ready to learn more. Topics will include customization of homework/quizzes/tests, gradebook customization, managing student results, and managing multiple sections of the same course.

C11 Student-Centered Teaching Strategies:
Friday MyMathLab, MyStatLab, and MathXL
12:30-2:00 *Irene Doo*
Learn how you can design your course as a personalized learning tool. You manage the assessments and content of the learning plan to ensure your course outcomes are met. Learn how to use media assignments to ensure students start their study routine with learning resources.

C14 Creating Custom Exercises in MyMathLab,
Friday MyStatLab, and MathXL
2:30-4:00 *Irene Doo*
Learn how to use the custom exercise builder to copy and edit the online exercise bank, and create your own algorithmically generated exercises for use in Homework, Quizzes, and Tests within MyMathLab, MyStatLab, and MathXL, and for assessments in MyMathTest.

C17 MyMathLab: A New Generation
Saturday *Diane Gray*
10:45-12:15
Learn about the updates to CourseCompass as well as MyLabsPlus. You'll see how new courses in CourseCompass will be easier to customize. Students will love the new design and ease of use. In MyLabsPlus you'll learn about convenient administrator and course authoring tools, customized reporting, and dedicated user support.

C19 MyMathTest Strategies for Placement
Saturday Validation and Remediation
1:00-2:30 *Diane Gray*
Learn how you can use MyMathTest to create placement validation programs to assess students' mathematical skills and accurately place them in the appropriate math course. Also see how MyMathTest can be used in short refresher programs to help students quickly come up to speed with their prerequisite mathematical skills.

The 2010-2011 AMATYC Foundation Campaign

The AMATYC Foundation - working hard
to support the mission and goals of AMATYC.



Supporting the Present → Securing the Future

Fund Projects
Sustained Giving
Create Endowment

Information about the activities of the Foundation and ways in which you can support it
is posted on the AMATYC website, www.amatyc.org.

Be a part of the action!

AMATYC Foundation Needs YOU! Show Your Region Pride!

The AMATYC Foundation has challenged each AMATYC region to support AMATYC by supporting the Foundation.

Beginning with the start of registration for the AMATYC 2011 Annual Conference in Austin and ending Saturday noon, November 12, 2011, the AMATYC Foundation will be tracking all contributions of conference attendees to the AMATYC Foundation by AMATYC regions. The region that has the highest percentage of attendees making a contribution will have bragging rights and one region member will be awarded a complimentary discount conference registration for the AMATYC 2012 Annual Conference in Jacksonville, FL. The lucky region member will be drawn from those who have made contributions by the Friday morning (November 11) Regional Breakfast in Austin.

Here is how you participate.

- Make a contribution to the AMATYC Foundation with your conference registration or at the conference before the Friday Morning Regional Breakfast to be eligible for the drawing for the complimentary discount conference registration for the 2012 Jacksonville conference.
- Attend the Friday Morning Regional Breakfast. Each region will draw a *potential* regional winner. Your vice president will have tickets for each person who has contributed.

- Encourage regional attendees to continue to make contributions so that your region can take home the prize. The region with the highest *percentage* of conference attendees contributing will be the winning region.
- Regional winner will be announced at the Delegate Assembly on Saturday, November 12.

Like Second Chances?

There will be a second prize of a one-year AMATYC membership to the region contributing the highest dollar amount. That potential winner will also be selected from a drawing of all contributors at the Regional Breakfast on Friday.

Everyone Wins!

The winning regions will have a year's worth of bragging rights and you know how the VPs love to do that. Your gifts will help the AMATYC Foundation in its support of AMATYC projects. You can direct your gift to the AMATYC Foundation general fund, restrict it for a special project, or restrict it to the AMATYC Endowment which allows only for a portion of the interest generated from your donation to be spent for AMATYC special projects.

AMATYC
5983 Macon Cove
Memphis, TN 38134

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

AMATYC Executive Board

Rob Farinelli
President
CC of Allegheny County
Monroeville, PA
rfarinelli@ccac.edu

Jim Roznowski
President-Elect
Harper College
Palatine, IL
jroznows@harpercollege.edu

Mike Hardie
Treasurer
Western Nevada College
Minden, NV
hardie@wnc.edu

Jane D. Tanner
Northeast Vice President
Onondaga CC
Syracuse, NY
tannerj@sunyocc.edu

Donna Saye
Southeast Vice President
Georgia Southern University
Statesboro, GA
dbsaye@georgiasouthern.edu

Steven J. Wilson
Central Vice President
Johnson County CC
Overland Park, KS
swilson@jccc.edu

Stefan Baratto
Northwest Vice President
Clackamas CC
Oregon City, OR
sbaratto@clackamas.edu

Richelle (Rikki) Blair
Past President
Lakeland CC
Concord, OH
richelle.blair@sbcglobal.net

O. Pauline Chow
Secretary
Central Pennsylvania's CC
HACC
Harrisburg, PA
opchow@hacc.edu

Ruth Collins
Mid-Atlantic Vice President
Walden University
Lincoln University, PA
Lv2fly@comcast.net

Nancy Sattler
Midwest Vice President
Terra CC
Fremont, OH
nsattler@terra.edu

Jean Woody
Southwest Vice President
Tulsa CC
Tulsa, OK
jwoody@tulsacc.edu

Bruce Yoshiwara
West Vice President
Los Angeles Pierce College
Woodland Hills, CA
yoshiwbw@piercollege.edu

AMATYC Executive Directors

Patrick Winters
Executive Director
Southwest Tennessee CC
Memphis, TN
pwinters@amatyc.org

Cheryl Cleaves
*Executive Director of
Office Operations*
Southwest Tennessee CC
Memphis, TN
ccleaves@amatyc.org

Austin 2011 Conference Planning Team

Keven Dockter
Conference Coordinator
Anoka-Ramsey CC
11200 Mississippi Blvd. NW
Coon Rapids, MN 55433
763.433.1499
keven.dockter@anokaramsey.edu

Judy Williams
Asst. Conference Coordinator
Tidewater CC
120 Campus Dr.
Portsmouth, VA 23701
757.822.2359
jwilliams@tcc.edu

Wanda Garner
Program Coordinator
Cabrillo College
6500 Soquel Dr.
Aptos, CA 95003
831.479.6329
wagarner@cabrillo.edu

Frank Goulard
Exhibits Chair
Portland CC
12000 SW 49th Ave.
Portland, OR 97219
971.722.4781
fgoulard@pcc.edu

Helen (Honey) Kirk
Austin Local Events Coordinator
Palo Alto College
1400 West Villaret Blvd.
San Antonio, TX 78224
210.486.3278
hkirk@alamo.edu

Darlene Winnington
Presider Chair
Delaware Technical and CC
400 Stanton-Christiana Rd.
Newark, DE 19713
302.292.3850
dwinning@dtcc.edu

Louise Olshan
Advertising Chair
County College of Morris
70 Cookman Ave.
Ocean Grove, NJ 07756
732.807.3211
Lolshan@ccm.edu

AMATYC Office

Southwest Tennessee Community College
5983 Macon Cove
Memphis, TN 38134
Phone: 901.333.6243
Fax: 901.333.6251
Website: www.amatyc.org
Email: amatyc@amatyc.org

Beverly Vance, Office Director
Christy Hunsucker, Accounting Director
Christine Shott, Publications Director

On-site Conference Registration ♦ Registration Desk (Prefunction Area of Sixth Floor)

Wednesday, November 9 4:00 pm - 8:00 pm
Thursday, November 10 7:00 am - 6:30 pm

Friday, November 11 7:00 am - 5:00 pm
Saturday, November 12 7:00 am - 8:00 am
Saturday, November 12 10:00 am - Noon