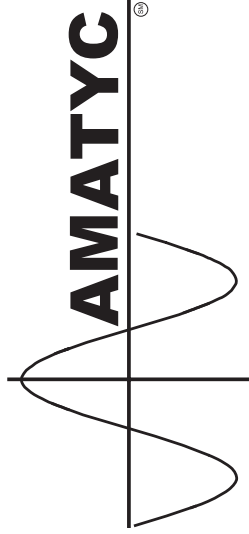
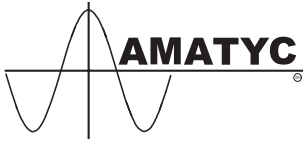


AMERICAN MATHEMATICAL ASSOCIATION
OF TWO-YEAR COLLEGES
SOUTHWEST TENNESSEE CC
5983 MACON COVE
MEMPHIS, TN 38134



American
Mathematical
Association
of Two-Year
Colleges

2008 Professional Development Opportunities

**GAISEing Beyond the
Crossroads: Improving
Instruction in Introductory
Statistics**
On Cape Cod in West Barnstable,
Massachusetts
June 15–20, 2008

**Mathematics Across the
Community College
Curriculum (MAC³)**
Lowell, Massachusetts
July 15–18, 2008

**Meaningful Mathematics for
Future Teachers**
Enumclaw, Washington
June 19–23, 2008

**The BC Way: Embracing
Change for Continuous
Improvement**
Colorado Springs, Colorado
June 6–7, 2008
and
San Diego, California
July 10–11, 2008

Opening Doors Through Mathematics

AMATYC SUMMER INSTITUTE AT CAPE COD CC

GAISEing Beyond the Crossroads: Improving Instruction in Introductory Statistics

On Cape Cod in West Barnstable, Massachusetts

JUNE 15–20, 2008

GAISEing Beyond the Crossroads

This workshop will provide participants with direct experience to help them develop classroom activities and assessments that are aligned with both the ASA endorsed Guidelines for Assessment and Instruction in Statistics Education (GAISE; www.amstat.org/education/gaise/) and recommendations in the AMATYC publication, *Beyond Crossroads*. Each participant will be part of a team that develops a lesson plan and materials that can be incorporated into an introductory statistics course.

Instructors and Special Topic Instructors

- ♦ Bob delMas, University of Minnesota
- ♦ Mary Parker, University of Texas, Austin
- ♦ John Climent, Cecil CC (Regression and Model Fitting)
- ♦ Glenn Miller, Borough of Manhattan CC (Using Multiple Assessments)

Conference Site and Lodging

The Institute will be held on the campus of Cape Cod CC, West Barnstable, MA (www.capecod.mass.edu). Information on the Cape Cod area can be found at www.capecodtoday.com.

The workshop will provide lodging for participants living more than 30 miles from Cape Cod CC. Lodging will be at the Corsair and Cross Rip Oceanfront Resorts in Dennisport, MA (www.corsaircrossrip.com), which is right on the beach in Nantucket Sound.

Transportation

Participants are responsible for their own transportation to Cape Cod, as well as to and from the workshop each day. Participants can fly into either Logan International airport (BOS) in Boston, MA or TF Green airport (PVD) in Providence, RI. Renting a car at the airport is recommended given that public transportation around the Cape is minimal. The Plymouth and Brockton Bus Lines, www.capecodtoday.com/index.php?module=pnBizDir&func=click&lid=2765, provide bus transportation from Logan to Hyannis. The workshop will be held about 15 miles from the resort.

Tentative Schedule

Sun.	7:00pm–9:00pm	Opening Dinner and Reception
Mon.	8:30am–5:00pm	Developing Statistical Literacy and Thinking: Using Assessment to improve student learning
Tues.	8:30am–5:00pm	Using real data; Emphasizing conceptual understanding; Teams brainstorm lesson topics
Wed.	8:30am–11:30am 12:00pm–4:00pm 5:00pm–8:00pm	Fostering Active Learning Whale Watch Dinner
Thurs.	8:30am–4:30pm	Using Technology in the Classroom; Teams work on Group Presentations
Fri.	9:00am–12:00pm	Team Presentations

Social Events and Meals

There will be a group barbecue on the beach Sunday evening. Participants can elect to go on a Whale Watch Wednesday afternoon and attend a group dinner following the Whale Watch.

Dinner on Sunday evening, as well as a continental breakfast and lunch each day, are paid by the CAUSE grant. Participants are responsible for all other meals.

Cancellation Policy

The Summer Institute will be held only if the minimum enrollment is reached by April 15, 2008. If the enrollment requirement is not met, the Institute will be cancelled and all fees will be returned to registrants. AMATYC takes no responsibility for any other expenses an individual may incur and will not be liable for those out of pocket costs.

Additional Information

The Institute is sponsored by a Grant from the Consortium for the Advancement of Undergraduate Statistics Education (CAUSE).

REGISTRATION

Register online at
www.causeweb.org/workshop/capecod

AMATYC MISSION

AMATYC is committed to the following:

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

Adopted April 18, 2004

AMATYC TEACHER PREPARATION SUMMER INSTITUTE

Meaningful Mathematics for Future Teachers

Enumclaw, Washington

JUNE 19–23, 2008

Conference Site

The Enumclaw Campus will be the site of the Green River CC AMATYC Summer Institute. Enumclaw, a farming community south of Seattle, is in the shadow of majestic Mt. Rainier and a point of entrance for numerous outdoor explorations, as well as close to the Puget Sound region. This is a great area to take your family to vacation. Please come join us for this opportunity to work with colleagues in mathematics at two-year colleges in a great setting!

Meaningful Mathematics for Future Teachers

This AMATYC Summer Institute will provide teachers of future teachers with the concepts, activities, and techniques that can be directly used in their courses. Participants will use learning centers to creatively investigate ideas in problem solving, measurement, probability and statistics. Each participant will receive a packet of classroom-tested activities for their own use. Participants will also be given time to produce and refine their own activities.

As a special feature of this Institute, participants will be introduced to integrated mathematics and science activities that take advantage of the unique surroundings of the Enumclaw area. The Institute will also focus on the use of literature in teacher preparation courses and the incorporation of service learning activities.

Facilitator

Pete Wildman, Instructor, Casper College and AMATYC Vice President, Central Region

Lodging

Hotel accommodations will be available at the Park Center Best Western (360.825.4490) in Enumclaw. The average cost is \$70/night plus tax. Details will be sent upon request.

Transportation

Seattle-Tacoma International Airport services the Puget Sound region. Scheduled airport pick-ups will be arranged or you can schedule your own transportation to and from the airport. The Enumclaw campus and hotel are about a 45-minute drive from the airport. Please contact Shelley Leavens at sleavens@greenriver.edu for more specific travel information.

Fee

The Institute fee is \$290 for AMATYC members, and \$365 for non-members that includes a welcome dinner, lunches provided daily during the Institute, and a culminating brunch on the last day. A maximum of 30 participants will be accepted on a first-come, first-served basis.

Tentative Schedule

Thurs.	6:30pm–8:00pm	Welcome dinner at the Enumclaw Center
Fri.	8:30am–12:00pm	Measurement activities and centers for future teachers
	1:00pm–4:00pm	Integrating math and science through data collection activities
Sat.	4:00pm–9:00pm	Field trip to Seattle Waterfront*
	8:30am–12:00pm	Centers, activities and experiments focusing on geometry, measurement and data analysis
Sun.	1:00pm–8:00pm	Field trip to Mt. Rainier to collect data for math/science experiments and dinner
	10:00am–3:00pm	Finish with data analysis from Mt. Rainier—more activities and centers. Discussion of service learning.
Mon.	8:30am–10:00am	Summary and wrap-up
	10:00am	Farewell brunch

*optional

Cancellation Policy

The Summer Institute will be held only if the minimum enrollment is met by May 15, 2008. If the minimum enrollment is not met, the Institute will be cancelled and registration fees will be returned. AMATYC takes no responsibility for any expenses an individual may incur and will not be liable for those out of pocket costs.

REGISTRATION APPLICATION

Name _____

Name as it should appear on nametag _____

College Affiliation _____

Full Address _____

Phone _____ Fax _____

Email _____

AMATYC Membership # _____

Registration deadline is May 15, 2008

- Enclosed with my registration application is my check (\$290 for AMATYC members, \$365 for non-members) made payable to **Green River Community College**.

Please check all that apply (so transportation can be scheduled). Please note for both these activities, dinner is at your own expense. I'm interested in attending the following (more information is available upon request):

- Friday night field trip to Seattle Waterfront
_____ # of people attending
- Saturday afternoon/evening field trip to Mt. Rainier
_____ # of people attending

Special Needs: Please list any special dietary restrictions or needed physical accommodations.

Send registration form and check to:
Shelley Leavens—AMATYC Summer Institute
SMT Building
Green River Community College
12401 SE 320th St.
Auburn, WA 98002-3699

Refunds:

Requests for refunds must be in writing to Shelley Leavens c/o the address listed above, by email to sleavens@greenriver.edu, or by fax at 253.288.3464. If received by May 15, 2008, fees paid less a \$30 service fee will be refunded. After May 15, 2008, no refunds will be given.

AMATYC SUMMER INSTITUTE

Mathematics Across the Community College Curriculum (MAC³)

Lowell, Massachusetts July 15-18, 2008

The 2008 MAC³ Summer Institute

The purpose of this Institute is to provide faculty with the time and assistance to develop mathematics across the curriculum activities and assessments. The Institute, modeled after other national MAC³ programs, offers an overview of the numerous and diverse ways mathematics can be integrated with other disciplines. Session topics include: Service Learning and Community Engagement, Learning Communities Models, Developing Learning Outcomes and Pre/Post Assessments, and Spreading the MAC Word through Changing the Culture. In addition, the Institute will provide extensive time for faculty teams to plan together and work with the facilitator, as well as to share ideas with one another. We invite interdisciplinary groups of teachers from high schools and two- and four-year colleges to attend the Summer 2008 Institute.

Facilitator

Caren Diefenderfer, Ph.D., Professor of Mathematics at Hollins University. Caren has been a campus consultant for several institutions as they implement QL/QR programs and has served on the steering committee of the NSF-AMATYC MAC³ grant.

Conference Site and Lodging

The 2008 Summer Institute will be held at the Lowell campus of Middlesex CC, a one-hour drive from Boston, MA. Lowell attractions include Lowell's National Historical Park, a tribute to the Industrial Revolution and the textile industry, canal boat tours, and several museums.

Accommodations will be available at the DoubleTree Hotel, 50 Warren Street, Lowell, MA 01852, 978.452.1200. The hotel is adjacent to the campus. Special conference rate is \$84 per night. Registrants should reserve a room as early as possible to ensure availability.

Registration Fee

The registration fee is \$325 for AMATYC members and \$400 for non-members. The registration fee includes all breakfasts and lunches and two dinners. A maximum of 30 participants will be registered on a first-come, first-served basis.

Transportation

Middlesex CC is approximately an hour away from both Logan International (BOS) and Manchester (MHT) airports. Flight Line, Inc. provides transportation to and from both airports. Contact Flight Line at 800.245.2525 or for current rates and/or to make online reservations visit their website at www.flightline.com. Reservations are required 24 hours in advance.

Expectations of Participants

- ♦ Attend the entire Institute
- ♦ Create curriculum and produce a PowerPoint presentation showcasing the curriculum
- ♦ Implement curricular projects
- ♦ Participate in the Institute evaluations and administer and return student attitudinal surveys
- ♦ Provide draft and finalized curriculum for Web dissemination

Cancellation/Substitution Policy

The Summer Institute will be held only if a minimum enrollment is reached by June 3, 2008. If the minimum enrollment of 30 is not met, the Institute will be cancelled and registration fees will be returned. AMATYC takes no responsibility for any expenses incurred. Substitutions are accepted at any time. Institute fees, less \$50, are refundable when written notice of withdrawal is received prior to June 3, 2008.

Questions

For additional information, please contact Carol Hay, Math Division Chair, at 978.656.3162 (hayc@middlesex.mass.edu) or Jessie Klein, Associate Dean, at 781.280.3862 (kleinj@middlesex.mass.edu).

REGISTRATION APPLICATION

Name _____

Name as it should appear on nametag _____

College Affiliation _____

Full Address _____

Phone _____ Fax _____

Email _____

AMATYC Membership # _____

Special Needs: Please list any special dietary restrictions or physical accommodations.

Registration deadline is June 3, 2008

- Enclosed with my registration application is my check, money order, or PO (\$325 for AMATYC members, \$400 for non-members) made payable to **Middlesex Community College—AMATYC Institute**.

- Credit Card (circle one) : Visa MasterCard Discover

Card Number _____

Expiration Date ___/___/___

Street address the Credit Card is mailed to is necessary:

Street _____

City _____ State _____ Zip _____

Signature _____

Send completed form(s) with payment for each registrant to:

Phyllis Worth
AMATYC Summer Institute
Middlesex Community College
591 Springs Road
Bedford, MA 01730-1197
Phone: 781.280.3661 Fax: 781.275.4911

AMATYC *Beyond Crossroads* SUMMER WORKSHOPS

The BC Way: Embracing Change for Continuous Improvement

Colorado Springs, Colorado June 6-7, 2008
 San Diego, California July 10-11, 2008



The BC Way: Embracing Change for Continuous Improvement

Implementing the standards outlined in *Beyond Crossroads* means making a commitment to continuous improvement in instruction to enhance student learning. Embracing the call to continuous improvement is a key component of professional growth. The attendees of these workshops will use the *Beyond Crossroads* Implementation Cycle to develop, assess, and improve projects of their choice.

Each two-day workshop/conference will have multiple sessions to choose from. There will be common plenary sessions, concurrent break-out sessions, and opportunities to work on specific projects and/or to focus on specific aspects of *Beyond Crossroads* standards and recommendations.

Conference Site and Lodging

The June 6-7 workshop will be held on the Centennial Campus of Pikes Peak CC in Colorado Springs. The July 10-11 workshop will be held at the Town and Country Resort and Convention Center in Mission Valley, at the heart of San Diego. Participants will be responsible for making their own hotel reservations after the application process is complete. Visit www.amatyc.org for updated information.

Goals for Attendees

- To grow as professionals and embrace change and continuous improvement in their classes.
- To implement the messages of *Beyond Crossroads* in order to develop effective strategies for courses, departments, faculty, and colleges.
- To learn assessment strategies at the class, course, and program levels, including Scholarship of Teaching methodology.
- To create an "Implementation Plan" for a project of choice.

Tentative Schedule

Day 1	8:30am–4:30pm	Welcome, plenary sessions and break-out sessions with invited presenters/facilitators
Day 2	8:30am–4:30pm	Break-out sessions with invited presenters, project implementation sessions, closing plenary with sharing session

Call for Presenters

Share your expertise in implementing the recommendations of *Beyond Crossroads* at one of our summer workshops. Propose a session or sessions so that others can benefit from experiences. Complete the Presenter Proposal Form at www.amatyc.org or contact Bruce Yoshiwara at bcic@amatyc.org for more information. The deadline for presenter proposals is March 28, 2008.

Registration Fee

The registration fee for Colorado Springs is \$150 for AMATYC members and \$225 for non-members, including lunches for both days. The registration fee for San Diego is \$130 for AMATYC members and \$205 for non-members, no meals included.

Selection Criteria

Each *Beyond Crossroad* Summer Workshop is limited to 100 participants. Preferences will be given to teams of participants. Teams including counselors, administrators, or other non-math department faculty are particularly encouraged.

Application Procedure and Timeline

Application materials are available at www.amatyc.org. Applications must be submitted by April 18, 2008. A letter of support for your project from an administrator is encouraged, but not required. Applications will be reviewed and applicants notified no later than May 5, 2008. Accepted applicants will be sent a short additional registration form to return. Completed registrations forms with registration fees must be received by May 16, 2008. Complete the Registration Application Form at www.amatyc.org or contact Bruce Yoshiwara at bcic@amatyc.org for more information.

Cancellation/Substitution Policy

The *Beyond Crossroads* Summer Workshop will be held only if a minimum enrollment is reached by May 16, 2008. If the minimum enrollment of 75 is not met, the workshop will be cancelled and any registration fees will be returned. AMATYC takes no responsibility for any expenses incurred. Substitutions are accepted at any time. Workshop fees, less \$50, are refundable when written notice of withdrawal is received prior to May 16, 2008.



***Beyond Crossroads:
 Implementing Mathematics
 Standards in the First
 Two Years of College***

2008 AMATYC CONFERENCE

A Monumental Place for Mathematics

Washington, DC
Hilton Washington
November 20-23, 2008

Speakers

Opening Session: Freeman Hrabowski
Awards Breakfast: David Wright
Invited Speaker: John Adam
Invited Speaker: Abigail Norfleet

Washington, DC has attractions that range from world-class museums to monuments, from symphonies and plays to restaurants for every taste. A great place for a convention, the Hilton Washington Hotel is within walking distance of numerous restaurants and a short walk from the nearest subway stop. Visit a museum, take in a performance at the Kennedy Center, visit the impressive World War II monument, or plan one of the many other exciting things to do in the city.



2006 Teacher Preparation Institute participants hard at work.

AMATYC TRAVELING WORKSHOPS

Designed to provide full- and part-time mathematics faculty with the curricular, pedagogical, and technology tools to ensure that all students will have the mathematics they need to succeed in the 21st century.

- ✘ At your institution
- ✘ Customized to meet your needs
- ✘ Cost-effective

Traveling Technology Workshops

Our Instructors can train your faculty to teach with:

- ✘ Distance Learning
- ✘ Course Management Software
- ✘ Graphing Calculators
- ✘ Calculator Based Laboratories
- ✘ CAS Software
- ✘ Mathematical Software

Traveling the CROSSROADS Workshops

Some of the topics available:

- ✘ Teaching Problem Solving
- ✘ Using Group Methods
- ✘ Assessing Student Learning
- ✘ Meshing Teaching and Learning Styles
- ✘ Evaluating Your Program
- ✘ Developing Curricula
- ✘ Building a Department Team
- ✘ Integrating Technology

Traveling Teacher Preparation Workshops

Topics covered include, as appropriate to mathematics courses for prospective teachers:

- ✘ Standards-based courses
- ✘ Articulation Issues
- ✘ Developing Curricula
- ✘ Using Manipulatives
- ✘ Current Research

For more information or to schedule a Traveling Workshop, contact the AMATYC Office or Pat Averbek, AMATYC Traveling Workshop Coordinator, patrick.averbeck@edcc.edu.

AMATYC MEMBERSHIP

Become a member of AMATYC. You may join online at www.amatyc.org, or download the membership form and send it to the AMATYC Office (address below), or contact the AMATYC Office to receive a membership form by fax or mail.

AMATYC Dues Information

Regular Membership - 1 year	\$75
Regular Membership - 2 years	\$145
Regular Membership - 3 years	\$210
Lifetime Membership	\$1,500
Adjunct Membership - 1 year	\$37.50
Retired Membership - 1 year	\$37.50
Institutional Membership - 1 year	\$455

For more information contact:

AMATYC Office

Southwest Tennessee Community College

5983 Macon Cove

Memphis, TN 38134

Phone: 901.333.4643 Fax: 901.333.4651

Email: amatyc@amatyc.org Website: www.amatyc.org