

**AMATYC Executive Board Meeting  
SPO 2016  
Memphis, TN**

**Saturday, January 16, 2016**

The meeting was called to order at 1:12 PM by President Jane Tanner. The following members of the Executive Board were present:

Jane Tanner	President	Nancy J. Rivers	Southeast Vice President
Nancy Sattler	Past President	Jon Oaks	Midwest Vice President
Jim Ham	President-Elect	Nicole Lang	Central Vice President
Michelle Duda	Secretary	Kathryn Kozak	Southwest Vice President
David Tannor	Treasurer	Liz Hylton	Northwest Vice President
Ernie Danforth	Northeast Vice President	Mark Harbison	West Vice President
Dan Fahringer	Mid-Atlantic Vice President		

Also present were: Keven Dockter, Conference Coordinator; Wanda Garner, Executive Director

President Tanner reviewed the rules of conduct.

**MOTION:** To approve the previously listed Rules of Conduct. (Attachment A)  
Made by Nicole Lang and seconded by Jim Ham.

**Motion approved**

**MOTION:** Approve the provided Agenda on page 15-16. (Attachment B)  
Made by Kate Kozak and seconded by Dan Fahringer.

**Motion approved**

President Tanner reviewed the reference materials. (Attachment C)

**Consent Calendar – Motions**

Motion on the Addition to PPM 9.8 AMATYC Networks (ANets) was pulled from Consent Agenda and moved to Old Business.

**MOTIONS ON CONSENT AGENDA**

**MOTION:** That PPM 5.9.2 be suspended from January 1, 2016 until December 31, 2017.

**MOTION:** That PPM 5.1.7 be changed from

**5.1.7 Liaison Responsibilities**

1. Board members serve as liaisons as assigned by the President and officially communicate Board activities following each Board meeting with the appropriate chair/editor/director/coordinator. This communication should occur within three weeks following the Board meeting. Copies of all written correspondence or memos regarding conversations should be forwarded immediately to the President.
2. Board members acting as liaisons are to:
  1. Become acquainted with the objectives of the committee, coordinator, editor, or director with whom the Board member has been assigned as liaison.
  2. Attend any meeting of the liaison assignment at the AMATYC conference.
  3. Communicate with the liaison assignment at least every other month.
  4. Communicate with the President of AMATYC regarding the activities of the liaison assignment at least every other month.

To

### 5.1.7 Liaison Responsibilities

1. Board members serve as liaisons as assigned by the President and officially communicate Board activities following each Board meeting with the appropriate chair/editor/director/coordinator/ANET leader. This communication should occur within three weeks following the Board meeting. Copies of all written correspondence or memos regarding conversations should be forwarded immediately to the President.
2. Board members acting as liaisons are to:
  1. Become acquainted with the objectives of the committee, coordinator, editor, ANET leader or director with whom the Board member has been assigned as liaison.
  2. Attend any meeting of the liaison assignment at the AMATYC conference.
  3. Communicate with the liaison assignment at least every other month.
  4. Communicate with the President of AMATYC regarding the activities of the liaison assignment at least every other month.

**MOTION:** That the National Association of Mathematicians (NAM) be accepted as the ninth member society of Joint Committee on Women in the Mathematical Sciences (JCW).

**MOTION:** That the motions of the Consent Calendar of the 2016 SPO be approved as published.

Made by Dan Fahringer and seconded by Nancy Sattler.

**Motion approved**

### OLD BUSINESS

**MOTION:** That "The AMATYC President may appoint a liaison officer for each ANet. Each liaison officer should work closely with the ANet leader and report to the Board on the effectiveness of his/her assigned ANet and its leadership." be added as number 4 in the list in PPM 9.8 and renumbering occur.

PPM 9.8 would then read:

## 9.8 AMATYC NETWORKS (ANETS)

1. An AMATYC Network (ANet) must have a focus that fits into the mission of AMATYC.
2. An ANet may be proposed by any AMATYC member or group of members.
3. Proposals should be sent to the AMATYC President for consideration by the board. The proposal will identify the purpose of the ANet and how it fits in with the mission of AMATYC, the name and email of a recommended ANet leader (or co-leaders), the names and emails of at least five AMATYC members interested in participating in the ANet.
4. The AMATYC President may appoint a liaison officer for each ANet. Each liaison officer should work closely with the ANet leader and report to the Board on the effectiveness of his/her assigned ANet and its leadership.
5. AMATYC support for an ANet will include \$500 conference support for the ANet leader (the support is split in the case of co-leaders), assistance in identifying potential members, publicizing ANet activities, listing ANets on the open website under groups with the option of joining, assistance in finding locations for networks to meet during AMATYC national conferences, and a board liaison. Participation in a group will incur no additional cost for members.
6. The term length for the ANet Leader is two years. The starting date of each term is January 1 of an even-numbered year and ends December 31 of the following odd- numbered year. The term limit is three consecutive terms; exceptions may be granted by the board to waive the term limit for extenuating circumstances by a 2/3 vote of the entire board, or 9 votes. In the event that an ANet leader resigns or is removed by the Executive Board, the AMATYC President will appoint an interim leader to serve the remainder of the term.
7. The ANet leader will submit a board report for each FBM outlining initiatives to be pursued during the year and a post-conference report with the following information: minutes or report from meeting at annual conference, major topics discussed, and number of members.
8. All ANets will be reviewed every two years to see if their status needs to be changed.
9. Established ANets will include: Division/Department Leadership, Adjunct Faculty Issues, International Mathematics, and Mathematics for Liberal Arts.
10. Implementation date of January 1, 2016  
Made by Ernie Danforth and seconded by Liz Hylton.  
**MOTION to amend:** In item #4, Change “may” and “should” to “will”  
Made by Kate Kozak and seconded by Nicole Lang.

**Motion to amend passed**  
**Motion approved as amended**

**MOTION:** The entire title of the journal, *MathAMATYC Educator*, will appear in italics when printed. (PPM various).

Made by Nicole Lang and seconded by Liz Hylton.

**MOTION to table:** Contact George Alexander, George Hurlburt, Christine Shott, Beverly Vance to assess the impact of the change to the AMATYC website, publications, etc.

Made by Nancy Sattler and seconded by Jim Ham.

**Motion to table passed**

Nancy Sattler reported on the progress of the Beyond Crossroads Revised project and encouraged board members to participate. As a part of the report, Nancy shared a document from the committee detailing the status, overview and background, document outline by chapter, and next steps of the project.

(ATTACHMENT D)

**MOTION:** To extend discussion of Beyond Crossroads Revised report by 5 minutes.

Made by Jim Ham and seconded by Ernie Danforth.

**Motion approved**

**MOTION:** That the following names be placed on record as members of the Steering Committee for the Beyond Crossroads Revision Project:

- 1) Project Co-Chairs: Mary Beth Orrange & Nancy Sattler
- 2) Preface: Chapter Co-Leaders: Rikki Blair and Susan Woods
- 3) Chapter 1: Chapter Co-Leaders: Rob Farinelli and Kate Kozak
- 4) Chapter 2: Chapter Co-Leaders Vilma Mesa and Linda Zientek
- 5) Chapter 3: Chapter Co-Leaders: Karen Gaines and Michelle Younker
- 6) Chapter 4: Chapter Co-Leaders Rob Kimball and Julie Phelps
- 7) Chapter 5: Chapter Co-Leaders Judy Ackerman and Ted Coe
- 8) Research Team: Co-Leaders April Strom and John Smith
- 9) Technology Team: Co-Leaders Evan Evans and Dave Graser

Made by Nancy Sattler and seconded by Jim Ham.

**Motion approved**

Kate Kozak reported on the work of the AMATYC/ASA Joint Statistics committee. The collaboration between the members on the committee from AMATYC and ASA has produced several positive outcomes including a potential pre-conference statistics workshop in Denver conducted by Allan Rossman. Keven Dockter is working with Allan to determine meeting space and audio-visual needs for the workshop. If audio-visual equipment is required, the source of funding for this equipment will need to be sorted out.

## **NEW BUSINESS**

**MOTION:** Change PPM 6.10.2 to add the statement

8. Effective starting at the AMATYC Conference in Denver, regional vice presidents may be reimbursed up to \$25 for door prizes to be given out at the regional meeting at the annual conference.

Made by Kate Kozak and seconded by Dan Fahringer.

**Motion defeated**

**The Board went into Executive Session at 2:15 PM.** Wanda Garner and Keven Dockter were asked to stay for Executive Session. Those present who were named in a motion to a committee appointment were asked to leave while the vote on that particular motion took place.

**The Board returned from Executive Session at 2:30 PM.** At that time President Tanner reported out the following committee appointments pending membership verification:

- Mark Harbison, West Vice President, Foundation Board, Effective January 1, 2016 through December 31, 2017
- Nicole Lang, Central Vice President, Liz Hylton, Northwest Vice President, Strategic Planning Committee, Effective January 1, 2016 through December 31, 2017
- Ernie Danforth, Northeast Vice President, Kate Kozak, Southwest Vice President, Finance Committee, Effective January 1, 2016 through December 31, 2017
- Nancy Rivers, Southeast Vice President, Jon Oaks, Midwest Vice President, Co-chairs of the Membership Committee, Effective January 1, 2016 through December 31, 2017
- Ernie Danforth, Northeast Vice President, Personnel Committee, Effective January 1, 2016 through December 31, 2017
- Mark Harbison, West Vice President, Dan Fahringer, Mid-Atlantic Vice President, Nancy Rivers, Southeast Vice President, Jon Oaks (chair), Midwest Vice President, Nancy Sattler, Past President, Professional Development Committee, Effective January 1, 2016 through December 31, 2017
- Kate Kozak, Southwest Vice President, David Tannor, Treasurer, Barbara Leitherer (CC of Baltimore County, BLeitherer@ccbcmd.edu), Member-at-large, Chris Yuen (University of Buffalo, clyuen@buffalo.edu), Member-at-large, Organizational Assessment Committee, Effective January 1, 2016 through December 31, 2017
- Nicole Lang (chair), Central Vice President, Kate Kozak, Southwest Vice President, Jim Ham, President-Elect, Nancy Sattler, Past President, George Hurlburt, Website Coordinator, Professional Networking Committee, Effective January 1, 2016 through December 31, 2017
- Steve Hundert, Student Math League Coordinator, Dan Fahringer, Mid-Atlantic Vice-President, Nancy Sattler, Past President, Jane Tanner, President, Eligibility to Participate in SML Committee
- Ashley Johnson (Casper College, ashleywidman@caspercollege.edu) appointed as the Northwest Regional Representative to the Statistics Committee
- Rachel Bates (Redlands CC, Rachel.Bates@redlandscs.edu) appointed as the Southwest Regional Representative to the PAC Committee
- Mary Moynihan (Cape Cod CC, mmoyniha@capecod.edu) appointed as an AMATYC representative to the AMATYC/ASA Joint Statistics Committee, Effective January 1, 2016 through December 31, 2018
- Jim Ham, President-Elect, Investments Board, Effective January 1, 2016 through December 31, 2017

President Tanner created the following ad hoc committees and task forces:

**Task Force to Review Position Statement on Equal Opportunity in Mathematics**

Charge: Review the current position statement and make recommendations for potential changes to this position statement.

Chair: Jon Oaks

Members: Liz Hylton, David Tannor

**Ad Hoc Committee on AMATYC Sponsored Workshops**

Charge: Review the PPM to consider the appropriateness of workshops and curriculum using the AMATYC name which are not sponsored by a particular AMATYC committee.

Chair: Nancy Sattler

Members: Ernie Danforth, Mark Harbison

**Task Force on Delegate Assembly**

Charge: Review current makeup of the AMATYC Delegate Assembly and make recommendations for possible changes to this makeup. Expansion of the previous work by the Ad Hoc Committee on Makeup of Delegate Assembly.

Chair: Nancy Rivers

Members: Dan Fahringer, Nicole Lang

**Ad Hoc Committee on Awarding AMATYC Sponsored Traveling Workshops**

Charge: Determine the application process and method for choosing which applications will get funding for the traveling workshop "scholarships" to be awarded to affiliates or institutional members, one in each region, as budgeted during FBM 2015.

Chair: Nicole Lang

Members: Liz Hylton, Jon Oaks

**Meeting suspended at 2:36 PM.**

**Sunday, January 17, 2016**

**Meeting resumed at 3:51 PM.** Nancy Sattler was not present.

President Tanner created the following task force:

**Task Force on Pre-conference Workshops**

Charge: Review the policy language on pre-conference institutes in the PPM (8.13.8) and make recommendations for possible changes to this policy language.

Chair: Ernie Danforth

Members: Nicole Lang, Keven Dockter, Wanda Garner

**The Board went into Executive Session at 3:57 PM.** Wanda Garner and Keven Dockter were asked to stay for Executive Session.

**The Board returned from Executive Session at 4:09 PM.** At that time President Tanner reported out the following committee appointments pending membership verification:

- James (Jay) Martin (Wake Tech, jemartin@waketech.edu), AMATYC Exhibits Chair, Effective January 1, 2017 through December 31, 2018
- Crystal Wiggins (Northwestern Connecticut CC, cwiggins@nwcc.edu) appointed as the Northeast Representative to the Placement and Assessment Committee
- Jeff Thies (Pima CC, jthies@pima.edu) appointed as a member-at-large to the Placement and Assessment Committee

**Meeting suspended at 4:12 PM.**

## **Monday, January 18, 2016**

**Meeting resumed at 10:45 AM.** Nancy Sattler was not present.

The following discussion items were added:

- SPO location
- Options for members to opt out of receiving paper correspondence from AMATYC

### **Discussion: Conference Site Selection 2022**

Baltimore ruled out due to room and meeting space issues. Hartford also out of consideration. Board members encouraged Keven Dockter to pursue Toronto, Philadelphia, Washington DC, and Providence.

### **Discussion: Handling Requests/Motions that Need Immediate Attention**

Occasionally emergency situations arise with short timelines. The Executive Board has been able to successfully work around short timelines in the past, but discussed whether it is appropriate to ask new board members to vote on motions between taking office on January 1 and SPO. Ernie Danforth will write a motion for SBM regarding a moratorium on voting in even years between January 1 and SPO. President Tanner also encouraged board members to be attentive to email and notify her if a period of unavailability via email is expected.

### **Discussion: Affiliate Travel**

For affiliate travel, there is one line item in the budget that all board members share. The budgeted amount is \$850 per board member. However, since it is a pool of money that everyone shares, if someone has to go over \$850 the funds should be there as long as board members try to keep travel expenses for the year reasonably close to \$850. In previous years, the entire budgeted amount has not been spent. The treasurer will monitor the amount in the account in July to make sure there are enough funds to cover the rest of the year's travel by requesting travel funds needed for the rest of the year from each board member. If it looks like there will be more travel funds needed, then an EAC request would need to be made.

### **Discussion: SPO Site Selection**

Pros and cons regarding moving SPO to a location other than Memphis were discussed. Potential ideas include holding SPO in the location of the conference in the same year, or in a hub city like Dallas, Chicago, or Phoenix.

President Tanner created the following ad hoc committee:

#### **Ad Hoc Committee on SPO Site Selection**

Charge: Investigate alternative locations outside of Memphis for the SPO site.

Chair: Dan Fahringer

Members: Liz Hylton, Kate Kozak

Members of the Board encouraged the committee to investigate both financial issues (price of hotel, airfare, meeting space, etc.) as well as intangible issues (no support of office staff if SPO outside



Memphis, travel burden for board members traveling from the West Coast, etc.). Board members supported SBM remaining in Memphis.

**Discussion: Person to Review Reflections on Officer Reports**

A 15 minute discussion period on officer reports will be added to the SBM 2016 agenda. It will occur immediately before the discussion on reports from committee chairs.

**Discussion: Options for Members to Opt Out of Receiving Paper Correspondence from AMATYC**

Ran out of time to discuss this item. Moved to SBM 2016 agenda. Jim Ham may potentially submit a motion regarding this issue.

Just before the meeting adjourned, the Board agreed that the SBM 2016 agenda will include the normal consent agenda, along with an additional consent agenda within Executive Session to make committee appointments.

**Meeting adjourned at 11:45 AM.**

Michelle Duda, Secretary 2016-2017  
Date: 2/9/2016

Jane Tanner, President 2016-2017  
Date: 2/9/2016

## **ATTACHMENTS**

- A. Rules of Conduct
- B. Agenda and Order of Business
- C. Reference Material
  - AMATYC Mission Statement
  - AMATYC Core Values
  - AMATYC Strategic Plan
  - Email Ballots since FBM 2015
  - Acronyms
  - Board Liaison Assignments and Standing Committees
- D. Report on Beyond Crossroads Revised

**ATTACHMENT A****AMATYC Special Board Meeting  
SPO 2016 – Memphis, TN****RULES OF CONDUCT**

- A. Robert's Rules of Order are used. The parliamentarian is **Dan Fahringer**.
- B. The following time limits will be applied unless otherwise noted:  
Reports (R) - 5 minutes  
Discussion items (D) – 10 minutes  
Motions involving discussion (M) – 15 minutes  
Times on individual items may be extended by a majority vote of the Board. Some items in the agenda may have different values assigned than listed here. The timekeeper is **Liz Hylton**.
- C. No speaker may speak on a motion more than two times, and this will be monitored by the Parliamentarian. Members are encouraged to display their "ditto" signs rather than to use their speaking times to echo comments previously expressed. Order of speakers is not guaranteed and may be changed at the option of the Chair.
- D. Professional decorum is expected at all times during the board meeting. The chair shall interrupt and rule a speaker out of order. **Please silence all cell phones**. Refrain from computer use other than board business.
- E. The following individuals are asked to track items throughout the meeting.
1. Items relating to Conference: **Mark Harbison and Nancy Rivers** (Report to the Conference Coordinator at the end of SPO 2016.)
  2. Items relating to Budget: **Ernie Danforth and Kate Kozak** (Report to the treasurer at the end of SPO 2016.)
  3. Items relating to the Office: **Jon Oaks and Nancy Sattler** (Report to Wanda at the end of SPO 2016.)
  4. Items relating to VPs: **Nicole Lang** and all VPs.
  5. Items to return to at the Spring Board Meeting: **David Tannor and Jim Ham**. (Report to the President at the end of SPO 2016.)
- F. **Everyone** will be expected to review the minutes of the meeting.

**ATTACHMENT B**

**Order of Business – Meeting Agenda  
AMATYC Executive Board  
SPO 2016**

**Saturday, January 16, 2016**

Reports (R) – 5 minutes    Discussion (D) – 10 minutes    Motions (M) – 15 minutes

<b>Page</b>	<b>Activity</b>	<b>Person</b>
	Call to Order/Meeting Plan	Tanner
1	Rules of Conduct	Tanner
2	<b>M: Adopt Rules of Conduct</b>	Tanner
3	<b>M: Adopt Order of Business</b>	Tanner
	<b>Reference Material</b>	
4	AMATYC Mission Statement	
5	AMATYC Core Values	
6-7	AMATYC Strategic Plan	
9	Email Ballots since FBM 2015	
9-10	Acronyms	
11-14	Board Liaison Assignments and Standing Committees	
15-16	Order of Business	
	<b>Consent Calendar - Motions</b>	
17	<b>M: Suspend PPM 5.9.2 pulled</b>	Tanner
18-19	<b>M: Changes to PPM 5.1.7 Liaison Responsibilities</b>	Tanner
20-21	<b>M: Addition to PPM 9.8 AMATYC Networks (ANets)</b>	Tanner
22	<b>M: Accept NAM as member of JCW</b>	Tanner
23	<b>M: Accept Consent Calendar Motions</b>	Tanner
	<b>Old Business</b>	
24	<b>M: Italicizing <i>MathAMATYCEducator</i></b>	Tanner
25-27	Report on Beyond Crossroads Revised	Sattler
28-29	<b>M: Steering Committee for Beyond Crossroads Revised</b>	Sattler
	Reporting on the AMATYC/ASA Joint Statistics Committee	Kozak
	<b>New Business</b>	
30	<b>M: Funds for Door Prizes</b>	Kozak
	<b>Executive Session</b>	
31	<b>M: AMATYC Foundation Board Appointment</b>	Sattler
32	<b>M: Strategic Planning Committee Appointments</b>	Tanner

33	<b>M: Finance Committee Appointments</b>	Tanner
34	<b>M: Membership Committee Co-chair Appointment</b>	Tanner
35	<b>M: Personnel Committee Appointment</b>	Tanner
36	<b>M: Professional Development Committee Appointments</b>	Tanner
37	<b>M: Organizational Assessment Committee Appointments</b>	Tanner
38	<b>M: Professional Networking Committee Appointments</b>	Tanner
39	<b>M: Review Eligibility to Participate in SML Committee Appointments</b>	Tanner
40	<b>M: Regional Representative to Statistics Committee</b>	Kozak
41	<b>M: Regional Representative to PAC</b>	Kozak
42	<b>M: Representative to AMATYC/ASA Joint Committee</b>	Kozak
43	<b>M: Investments Board Appointment</b>	Tanner
44	<b>M: Exhibits Chair Appointment</b>	Garner
45	<b>M: Placement and Assessment Committee (PAC) Appointments</b>	Hylton
	<b>Discussion - no particular order</b>	
	<b>Affiliate travel and \$850</b>	
	<b>Person to review reflections on officer reports</b>	
	<b>Handling requests/motions that need immediate attention</b>	
	<b>ASA/AMATYC Joint Statistics committee preconference workshop in Denver</b>	
	<b>On demand badge printing for conferences</b>	
	<b>Site Selection 2022</b>	
	<b>SPO location</b>	
	<b>Options for members to opt out of receiving paper correspondence from AMATYC</b>	

**ATTACHMENT C****AMATYC 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.*

## AMATYC's Vision: Opening Doors Through Mathematics

### AMATYC's Core Values

(Alphabetical Order)

Approved May 2006

**Core Values** represent core priorities, traits, or qualities in the organization's culture that are considered worthwhile. They are timeless and unchanging.

<b>Core Value:</b>	<b>Operational Definition:</b>
Academic Excellence	Presenting a quality educational experience in mathematics that is responsive to the needs of all students while recognizing student achievement in mathematics as an essential life goal.
Access	Acknowledging the right of all students to experience learning mathematics in ways that maximize their individual potential.
Collegiality	Providing opportunities for networking and encouraging mutual respect for other mathematics professionals for the betterment of the mathematics teaching profession.
Innovation	Creating, developing, implementing, and redefining successful instructional strategies, curricula in mathematics, and classroom practices based on the research of how students best learn mathematics and how faculty best teach mathematics.
Integrity	Safeguarding the qualities of honesty, sincerity, trustworthiness, global consciousness, and a code of sound moral professional principles.
Professional Development	Building expertise and exhibiting leadership in the teaching and learning of mathematics, enhancing personal growth, and improving teaching methods and effectiveness as a personally initiated life-long responsibility.
Teaching Excellence	Designing and implementing a dynamic mathematics curriculum, promoting the use of innovative and effective teaching strategies, assessing student learning outcomes in mathematics with appropriate methods, and creating a successful learning environment for all students.



## 2012-2017 AMATYC Strategic Plan (Adopted SBM 2011) *Opening Doors Through Mathematics*

Priority I – Provide professional development opportunities to all two-year college faculty.

- A. Enhance the traditional opportunities for professional development.
- B. Develop opportunities for professional development that utilize emerging technologies.
- C. Provide professional development focused on mentoring of faculty especially faculty new to teaching in two-year colleges.
- D. Advocate for the importance of and provide opportunities for professional development for adjunct faculty.

Priority II – Promote research on student learning in two-year colleges.

- A. Promote research focused on student learning, acknowledging the impact that technology and data driven decisions have on education.
- B. Provide training to faculty interested in conducting classroom research.
- C. Pursue grants and other means of financial support for classroom research in teaching and student learning.
- D. Advocate for the continued improvement of textbooks and other instructional resources based on the lessons learned from classroom research.
- E. Advocate for faculty, departments, and colleges to institute innovative practices informed by research.
- F. Disseminate resources and best practices on teaching and learning to facilitate faculty development.

Priority III – Promote the review and improvement of two-year college mathematics curricula.

- A. Support and promote the development and assessment of high quality mathematics education for all students.
- B. Maintain a leading role in structuring a strong developmental mathematics experience for all students.
- C. Promote the consensus on the essential mathematics that students need in order to succeed in their chosen academic or career fields.
- D. Increase participation in Science, Technology, Engineering, and Mathematics (STEM) courses and programs through contacts with industry.
- E. Support the appropriate use of emerging technologies to promote an understanding of mathematics and its applications.
- F. Support continuous improvement of online/distance learning and continuous improvement of online delivered courses.

Priority IV – Build and promote communities of educators in lower division collegiate mathematics across departments and institutions.

- A. Strengthen and expand the relationship between AMATYC and its affiliate organizations.
- B. Encourage membership among individuals interested or involved in mathematics instruction in the first two years of college.
- C. Expand opportunities for networking (locally, nationally, and internationally) of those interested in the first two years of collegiate mathematics to share ideas and provide support.
- D. Expand the relationship among instructors at two-year colleges and other faculty Pre-K–20.



Priority V – Communicate the vision, core values, mission, and goals of AMATYC and promote awareness of the organization.

- A. Maintain and promote the visibility of AMATYC at the national level as the primary voice for mathematics education during the first two years of college.
- B. Promote an understanding of the mission of two-year colleges and their mathematics programs.
- C. Be a strong voice for two-year college mathematics education.
- D. Develop and maintain relevant standards for two-year college mathematics education.
- E. Expand relationships with other organizations interested in the goals and objectives of AMATYC and interested in promoting quality mathematics education.
- F. Encourage the involvement of two-year college educators in state and national, Pre-K–20 initiatives.
- G. Work to increase state and national funding for two-year college mathematics education.

**Email motion report for SPO 2016. Motions 14 and 15 passed; 13 was withdrawn.**

Submitted by Mary Beth Orrange, Board Secretary 2014-15

12/1/15	Student Works grant	<b>Motion #13:</b> Student works grant withdrawn
12/12/15	Minutes	<b>Motion #14:</b> That the draft minutes of the 2015 FBM be approved.
12/22/15	Student works grant	<b>Motion #15:</b> AMATYC provide level 2 Support for The Student Works grant proposal. Please see the attached grant proposal and budget with the change that the amount budgeted for the Conference Coordinator is increased to \$1000 in each place that it is found to be \$500.

## ACRONYMS

<b>AACC</b>	American Association of Community Colleges
<b>ACCESS</b>	Advancing Community College Careers: Education, Scholarship, Service, a professional development program offered by AMATYC and MAA for beginning two-year college mathematics faculty, funded for 2003-2006 by the ExxonMobil Foundation (Cohorts 1, 2, 3)
<b>APA</b>	AMATYC Project ACCESS: Advancing Community College Careers: Education, Scholarship, Service, a professional development program offered by AMATYC beginning with Cohort 4 in 2007.
<b>AMS</b>	American Mathematical Society, who along with MAA and SIAM host the Joint Mathematics Meetings each January
<b>AMTE</b>	Association of Mathematics Teacher Educators
<b>ARG</b>	Association Review Group. NCTM successfully used an ARG process to conduct a formal review of the Standards 2000 drafts.
<b>ASA</b>	American Statistical Association
<b>ASL</b>	Association for Symbolic Logic
<b>ASSM</b>	Association of State Supervisors of Mathematics
<b>AWM</b>	Association for Women in Mathematics
<b>BBA</b>	Benjamin Banneker Association. “Dedicated to mathematics education advocacy, establishing a presence for leadership, and professional development to support teachers in leveling the playing field for mathematics learning of the highest quality for African-American students.”
<b>BMS</b>	Board of the Mathematical Sciences, a Board of the National Research Council.
<b>CAMC</b>	Committee on the American Mathematics Competitions. CAMC develops and sponsors the exams which lead to the identification of the USAMO team.
<b>CBMS</b>	Conference Board of the Mathematical Sciences. Made up of representatives (usually the presidents) of about 17 mathematics/ mathematics education organizations. AMATYC is a member. Ron Rosier is the Executive Director. CBMS meets twice a year, in early May and early December.
<b>CCSSM</b>	Common Core State Standards for Mathematics
<b>COWIN</b>	
<b>CRAFTY</b>	Curriculum Renewal Across the First Two Years Committee, an MAA Subcommittee of the MAA Committee on the Undergraduate Program in Mathematics (CUPM).
<b>CSSP</b>	Council of Scientific Society Presidents
<b>CTYC</b>	Committee on Two-Year Colleges, an MAA Committee. The AMATYC President is an ex officio member.
<b>CUPM</b>	Committee on the Undergraduate Program in Mathematics, an MAA Committee.
<b>ICME</b>	International Congress on Mathematical Education. Held every four years. (Seoul, Korea 2012)
<b>IMS</b>	Institute of Mathematical Statistics
<b>INFORMS</b>	Institute for Operations Research and the Management Sciences
<b>JCW</b>	Joint Committee on Women in Mathematical Sciences

<b>JMM</b>	Meetings hosted each January by AMS, MAA, and SIAM.
<b>JPBM</b>	Joint Policy Board for Mathematics. A coalition of AMS, MAA, and SIAM.
<b>MAA</b>	Mathematical Association of America. Executive Director is Michael Pearson.
<b>MAC<sup>3</sup></b>	Mathematics Across the Community College Curriculum was an NSF grant to AMATYC.
<b>MathFest</b>	MAA's Summer Meeting
<b>MET</b>	The Mathematics Education of Teachers document, written for college mathematics departments outlining the mathematics that K-12 teaches ought to know.
<b>PMET</b>	Preparing Mathematicians to Educate Teachers Project, a CBMS Project, offering workshops to college and university faculty.
<b>MSEB</b>	Mathematical Sciences Education Board, a Board of the National Research Council. Established in 1985 to provide continuing national overview and assessment capability for mathematics education and is concerned with excellence in mathematical sciences education for all students at all levels. Nancy Sattler serves on MSEB at this time,
<b>NACCTEP</b>	National Association of Community College Teacher Education Programs.
<b>NADE</b>	National Association of Developmental Education
<b>NAS</b>	National Academy of Sciences
<b>NASSMC</b>	National Alliance of State Science and Mathematics Coalitions
<b>NCTM</b>	National Council of Teachers of Mathematics. Bob Doucette is the Executive Director.
<b>NCSM</b>	National Council of Supervisors of Mathematics.
<b>NRC</b>	National Research Council, organized by the NAS in 1916. NRC is the umbrella organization of the NAS, the National Academy of Engineering (NAE), and the Institute of Medicine (IOM).
<b>NSF</b>	National Science Foundation. Provides government funding for scientific endeavors.
<b>PAEMT</b>	Presidential Award for Excellence in Mathematics Teaching
<b>RUME</b>	Research in Undergraduate Mathematics Education, a special interest group of the MAA.
<b>SIAM</b>	Society of Industrial and Applied Mathematics. One of the three sponsors of the Joint Mathematics Meetings held each January.
<b>SOA</b>	Society of Actuaries
<b>SUMMA</b>	Strengthening Underrepresented Minority Mathematics Achievement (SUMMA) Program of the MAA was established in 1990 to increase the representation of minorities in the fields of mathematics, science and engineering and improve the education of minorities.
<b>TODOS</b>	TODOS: Mathematics for all – advocate for equity and high quality mathematics education for all
<b>Triangle Coalition</b>	A Washington DC-based nonprofit organization comprised of more than 100 member organizations, including AMATYC, with representation from business, education, and scientific and engineering societies. The coalition's mission is to bring together the voices of business, government, and education to improve the quality and outcome of STEM education.

<b>USAMO</b>	USA Mathematical Olympiad. Through a series of competitions taken by thousands, a team of 8 is identified for participating in the IMO. The team is honored at a special event in Washington each June. AMATYC is one of the sponsoring societies.
<b>USNCMI</b>	United States National Committee on Mathematics Instruction

**NOTE: This file needs to be updated with notes taken at FBM 2015.**

## Liaison and Committee Assignments -- 2016-2017

Assignment	Chair/Coordinator/Director	Board Member
Affiliate Presidents		Jim Ham
AMATYC Executive Director	Wanda Garner	Jane Tanner
AMATYC Legal Advisor	Peter Georgakis	Jane Tanner
<i>AMATYC News</i>	Diane Koenig	Kate Kozak
AMATYC Project ACCESS	Laura Watkins	Dan Fahringer
Editing Director	Wendi Morrison	Ernie Danforth
Grants Director	John Pazdar	Mark Harbison
Historian	Russell Simmons	Mark Harbison
<i>MathAMATYC Educator</i>	George Alexander – Editor Johanna Debrecht – Production Mgr.	Liz Hylton/David Tannor
Website Coordinator	George Hurlburt	Jim Ham
Mu Alpha Theta	Paige Feibelman	Liz Hylton
Professional Development Coordinator/ Asst. Professional Dev. Coord.	Julie Gunkelman Lisa Feinman	Jon Oaks
Student Mathematics League	Steve Hundert TJ (Thomas) Duda	Dan Fahringer
Vice-Presidents (Senior VP)		Nicole Lang
<b>Academic Committees</b>		
Developmental Mathematics	Paula Wilhite	Nancy Sattler
Innovative Teaching and Learning	Dan Petrak	Nancy Rivers
Mathematics Intensive/College Mathematics	Scott Peterson	Jim Ham
Placement & Assessment	Behnaz Rouhani	Liz Hylton
Research in Mathematics Education in TYC	John Smith	Nicole Lang
Statistics	Julie Hanson	Kate Kozak
Teacher Prep	Andy Jones	Michelle Duda
Mathematics and its Applications for Careers	Stefan Baratto	Ernie Danforth
<b>ANets</b>		
Division/Department Leadership	Christine Mirbaha	Nancy Rivers
Adjunct Faculty Issues	Judy King	Michelle Duda

International Mathematics	Steve Krevisky	Nancy Sattler
Mathematics for Liberal Arts	Fary Sami	Liz Hylton

## **Administrative Committees -- SPO 2016**

### **Expenditure Approval Committee (EAC)**

Charge: Approve over-budget line item expenses between board meetings; PPM, Section 5.9.2

Chair: Tannor

Members: Ham, Sattler, Tanner, Tannor

### **Finance Committee**

Charge: Oversee the budget development and serve in an advisory capacity to the Treasurer and Executive Board; PPM, Section 5.9.2

Chair: Tannor

Members: Danforth, Dockter, Garner, Ham, Kozak, Tanner

### **Foundation Board**

Charge: Raise and disperse funds to support the mission of AMATYC; PPM, Section 14.1

Chair: TBA

Members: Black, Garner, Harbison, McKeague, Peskoff, Sattler, Steenken, Tanner, Tannor

### **Investments Board**

Charge: Provide continuity of oversight of the financial assets of the AMATYC reserve funds and to assure that "prudent investor" precepts are developed and followed in managing the financial assets of the AMATYC reserve funds; PPM, Section 6.12

Chair: Steenken

Members: Gräb, Ham, Mahler, Tannor

### **Institutional Research Board (IRB)**

Charge: Review to assure appropriate steps are taken to protect the rights and welfare of humans participating as subjects in research studies associated with grants received by AMATYC; PPM, Section 16.3

Chair: Tannor

Members: Garner, Ham, Smith, Tanner

### **Mathematics Excellence Committee**

Charge: Determine the recipients of the ME award; PPM, Section 4.3.2

Chair: Sattler

Members: Atkinson, Brannan, Calandrino, Chidambaram, Harris, Hohensee, Petitfils, Yakutova-Lorentz

### **Membership Committee**

Charge: Develop and implement strategies to solicit new members and retain existing members; PPM, Section 5.9.3

Chair: Rivers and Oaks (co-chairs)

Members: Danforth, Fahringer, Garner, Harbison, Hylton, Kozak, Lang, Tannor, Vance

**Nominating Committee**

Charge: Establish election procedures and, consistent with policy and Executive Board direction, recommend a slate of nominees for Executive Board approval; PPM, 4.3.3

Chair: Sattler

Members: (Northeast), (Mid-Atlantic), (Southeast), (Midwest), (Central), (Southwest), (Northwest), (West), (At-Large), (At-Large), (At-Large)

**Organizational Assessment Committee**

Charge: Coordinate the planning and implementation of assessment of AMATYC programs and activities; PPM, Section 5.9.5

Chair: Ham

Members: Kozak, Leitherer, Tannor, Yuen

**Personnel Committee**

Charge: PPM, Section 5.9.1

Chair: Danforth

Members: Garner (nv), Ham, Sattler, Tanner, Tannor

**Professional Development Committee**

Charge: PPM, Section 5.9.4

Chair: Oaks

Members: Dockter, Fahringer, Feinmen, Gunkleman, Harbison, Rivers, Sattler, Tanner

**Strategic Planning Committee**

Charge: Develop and publish the AMATYC Strategic Plan; PPM, Section 15.6

Chair: Ham

Members: Hylton, Lang, Sattler, Tanner

**Teaching Excellence Committee**

Charge: Determine the recipients of the TE award; PPM, Section 4.3.1

Chair: Ham

Members: Atkinson, Beard, Benner, K. Danforth, Fleming, Johanson, McCombs, Monterisi, Williams

**Ad Hoc Committees**

**Make up of Delegate Assembly Committee**

Charge: Review current makeup of the AMATYC Delegate Assembly and make recommendations for possible changes to this makeup.

Chair: TBA

Members: Lang, Rivers

**Professional Networking Committee**

Charge: Provide management on recommendations related to AMATYC's presence on social media.

Chair: Lang



Members: Ham, Hurlburt, Kozak, Sattler, Tanner

## **Other Committees**

### **Tax Review and Audit Committee**

Charge: Review AMATYC's year-end financials; review IRS form 990 prior to its filing on May 15<sup>th</sup>; review the Conflict of Interest Policy/completed forms; answer questions and consider recommendations from the auditor.

Chair: Tannor

Members: Garner (nv), Ham, Hunsucker (nv), Sattler, Tanner

### **Steering Committee for the Beyond Crossroads Revision Project**

Project Co-Chairs: Mary Beth Orrange and Nancy Sattler

Preface: Chapter Co-Leaders: Rikki Blair and Susan Woods

Chapter 1: Chapter Co-Leaders: Rob Farinelli and Kate Kozak

Chapter 2: Chapter Co-Leaders Vilma Mesa and Linda Zientek

Chapter 3: Chapter Co-Leaders: Karen Gaines and Michelle Younker

Chapter 4: Chapter Co-Leaders Rob Kimball and Julie Phelps

Chapter 5: Chapter Co-Leaders Judy Ackerman and Ted Coe

Research Team: Co-Leaders April Strom and John Smith

Technology Team: Co-Leaders Evan Evans and Dave Graser

### **Eligibility to Participate in SML**

Charge: Review the eligibility of a number of 2-year colleges participating in the SML and now changing to 4-year colleges and determine whether these colleges can continue to participate.

Chair: Hundert

Members: Fahringer, Sattler, Tanner

## **Task Forces**

### **Awards and Recognition Task Force**

Charge: Review current awards and make recommendations for future AMATYC awards and recognitions.

Chair: Rivers

Members: Cleaves, Hobbs, and other members TBA

### **Guidelines for Project ACCCESS**

Charge: Create guidelines and determine policy for an advisory board. Write policy as needed.

Chair: Fahringer

Members: Agocs, Eby, Gaines, Hylton, Kaseberg, Kozak, Roznowski

**Task Forces that need to be appointed**

Task Force on Term Limits and appointment dates

Task Force to review position statement on Equal Opportunity in Mathematics

Task Force on AMATYC Sponsored Workshops

Task Force on Delegate Assembly (expand upon ad hoc committee above)

Task Force on awarding AMATYC sponsored Traveling Workshops

## ATTACHMENT D

### Report on status of *Beyond Crossroads Revised* project.

November 22-23, 2015 in New Orleans

Submitted by Nancy Sattler and Mary Beth Orrange, co-chairs

#### Status update:

The Task Force concluded its work in New Orleans after the 2015 conference; the outline for the new document was crafted, individuals were suggested for leadership positions for the new standards document, and a working model was identified. Each chapter, as outlined below, will have a team consisting of two leads, a team of writers, a research advisor and a technology advisor. The technology individuals and researchers will form their own teams to create consistency throughout the document.

The Steering Committee will work via Google docs and meet monthly via Adobe Connect, Skype or Google Hangouts. The steering committee is comprised of the chapter leaders, the technology leaders, the research leaders, and the project co-chairs.

An Advisory Council has been formed that includes leadership from national organizations including: MAA, NCTM, ASA, SIAM, the Dana Center, Carnegie Foundation and AMS. They will be consulted periodically for input as the project progresses.

**Overview and background:** Crossroads, published in 1995, was groundbreaking with three standards for Introductory College Mathematics Before Calculus. The subsequent document, Beyond Crossroads published in 2006, presented five new standards for implementation. The next document, title yet to be decided upon, will be a vision document with standards for the vision of what the learning environment should look like. The eight standards in the first two documents will be supported by current research and revised where needed.

#### Document Outline by Chapter:

10) **Preface** - history of how the standards relate to each other and purpose of this document

(Chapter Co-Leaders: **Rikki Blair and Susan Woods**)

- a) Contextual: Where BC ended, and the direction we are heading
- b) Brief intro to the Vision
- c) Online/sidebar story: Vignettes of different students, such as ADA, English Language

11) **Chapter 1:** The vision (Chapter Co-Leaders: **Rob Farinelli and Kate Kozak**)

- a) Distinctive characteristics of students in the first two years of college
- b) How and why we study mathematics? Conceptual understanding ...
  - i) (Note: BC ended with a vision, and we begin with a vision, completing the loop.)
- c) Why learn mathematics?
- d) Unique role of the first two years
- e) Dynamic “changes” (or curriculum) that lead to student success such as the use of alternative pathways

f) Vision: For students, for faculty, for program, for institutions, for the profession?

**12) Chapter 2:** The three CR standards book report style - demographics and technology have changed the new version should reflect those changes. “Gold Standards or something else”

(Chapter Co-Leaders **Vilma Mesa** and **Linda Zientek**)

a) History/Context in CR -> (online: What it was. Our process. What is it now.)(Revisit the 3 standards and validate with current research & best practices as well as include current issues as suggested in ii through v)

b) Brain research

c) Intellectual Development

d) Content

e) Pedagogy

**13) Chapter 3:** BC Implementation ( emphasis on chapters 4 through 8 Multiple chapters or sections possible) (possibly rename chapter 5) \*Split into multiple sections for different groups of writers (Chapter Co-Leaders: **Karen Gaines** and **Michelle Younker**)

a) Book report style; that means review but not replicate material in BC - demographics and technology have changed the new version should reflect those changes

**14) Chapter 4:** Recommendation to a vision/expectation of math learning in the first two years of college (Chapter Co-Leaders **Rob Kimball** and **Julie Phelps**)

a) Make sense of data and use it to solve problem - Problem Solvers and Critical Thinkers

b) Global/International: expand our horizon of mathematical learning

c) Productive member of the society and/or the profession

d) A problem solver who has the ability to solve future problems that do not exist in the present moment

**15) Chapter 5:** Beyond the classroom (Chapter Co-Leaders **Judy Ackerman** and **Ted Coe**)

a) Policy making: Toward a collaborative effort among stakeholders

b) Assessment embedded in each chapter? Diagnostic, formative, summative. Implementation Cycle from BC (p. 15) (Still in Chapter 3 in BCR? Or some place else?) Rename chapter 5 in BC to Assessment ...

**16) Chapter structure similar to that in Beyond Crossroads:**

a) *Section title -> Defining characteristics/definition -> Student will be expected to -> vision recommendation -> “supporting the vision” actions for -> Faculty needs to ... ->Program needs to ... -> Institution needs to ... -> AMATYC organization needs to Conclusion how it goes back to principles-> List of references*

**17) Research Team**

a) Co-Leaders **April Strom** and **John Smith**

b) Identify researcher advisor for each chapter

**18) Technology Team**

a) Co-Leaders **Evan Evans** and **Dave Graser**

- b) Identify a technology advisor for each chapter

**Immediate Next Steps:**

- 1) Identify a platform for communications
- 2) Identify writing teams, research advisors and technology advisors for each chapter
- 3) Begin monthly meetings

**Intermediate Next Steps:**

- 1) Presentation proposal submitted for Denver
- 2) Craft a presentation for affiliate meetings for the VPs to present
- 3) Schedule meetings and forum for Denver (already in consultation with Keven)
- 4) Explore grant proposal for final document dissemination