



## **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.