Why MAA?

• Members have told us these three words best portray the value the MAA provides.

• **Participate** – more than any other math society, the MAA offers opportunities to participate and encourages its members to get involved.

• **Investigate** – central to the MAA mission is mathematics at the collegiate level and providing the best in mathematical exposition.

• **Educate** – the MAA provides the framework for both individuals and departments to become the best educators they can be.

*Get involved. You are the MAA!*
Participate

• Group Participation
  • Committees
    • 130+ Committees across all areas of interest
  • Department Liaisons
    • Become the voice of the MAA on your own campus
• Sections
  • Governance
  • Meeting planning
  • Section NExT
• Editorial Boards for publications
• SIGMAAs
  • Governance
  • Activities
• Become a competitions host site
Participate

• Student Participation
  • Student Chapters
  • Student Memberships
  • Student Poster Sessions
    • National Meetings
    • Section Meetings
  • Math Jeopardy
  • Competitions
    • American Mathematics Competitions
    • Putnam Competition
  • RUMC (Regional Undergraduate Math Conferences)
  • REU (Research Experience for Undergraduates)
Investigate

- Journals
  - Three most widely read mathematics journals in the world
  - Math Horizons
- Online Resources
  - MathDL / Loci / Math Reviews
  - YouTube Channel
- Meetings
  - JMM (largest annual gathering of mathematicians in the world)
  - MAA MathFest (largest annual summer math meeting)
  - Section meetings
- Special Interest Groups (SIGMAAs)
- Mathematical Study Tours
• Opportunities and Resources for Faculty
  • Project NExT (New Experiences in Teaching)
  • PREP (Professional Enhancement Programs)
  • Guidelines for Curriculum Development
  • Guidelines for Programs and Departments
  • WebWork online homework system
  • Classroom Capsules
  • Basic Library List
  • Grant Writing
  • Department Liaisons network
  • SAUM (Supporting Assessment in Student Learning)
Educate

• For Students
  • Electronic membership
  • Student poster sessions
  • Regional Undergraduate Mathematics Conferences
  • National Research Experience for Undergraduate Programs
  • Tensor Grants
    • Strengthening Underrepresented Minority Mathematics Achievement; and
    • Women and Mathematics

• Competitions
  • AMC 8/10/12
  • Putnam
  • Math Jeopardy
What’s New? Books and Journals

• New online store powered by Amazon.com
• Expansion of e-books offerings
• Online Calculus book
• Full versions of e-journals now available
  • *The College Mathematics Journal*
    • Special Martin Gardner issue
• Editor searches
  • *The College Mathematics Journal*
  • *Math Horizons*
What’s New? Social and Electronic Media

- Expanded Social Media
- Journal and Book Blogs
- MAA Channel on YouTube (35 videos)
- Full Journals Online
- Monthly MAA Math Alerts
- Table of Contents Alerts
- MAA MinuteMath
- MAA Number a Day
- Aftermath
What’s New? Meetings

• Joint Mathematics Meetings
  • Record attendance in 2012 – nearly 7,200 in Boston
  • 2013 meeting in San Diego, January 9-12

2012 Joint Mathematics Meetings
Largest Annual Mathematics Meeting in the World
January 4-7, 2012 (Wednesday-Saturday)  Hynes Convention Center, Boston, MA

• MathFest 2012 in Madison, Wisconsin, August 2-4
New and Existing Programs

- **Characteristics of Successful Programs in College Calculus (NSF-DRL)**
  Project to identify what works in college calculus instruction.

- **WeBWorK: Improving Student Success in Mathematics (NSF-DUE)**
  Open source online homework system, provides students with immediate feedback about the validity of their answers.

- **MAA Distinguished Lecture Series (NSA)**
  NSA funds this DC-based series.

- **MAA Regional Undergraduate Mathematics Conferences (NSF-DMS)**
  The object of the grant is to provide undergraduate students the opportunity to present mathematical results and expand their knowledge of math sciences.

- **MAA SUMMA Research Experiences for Undergraduates (NSA, NSF)**
  Encourage minority students to pursue graduate studies in mathematics.

- **MAA Professional Enhancement Program (PREP), (NSF)**
  Workshops to support growth for mathematicians at all stages of their careers.
New and Existing Programs

• **Project NExT**
  Encourage your new faculty to apply for these fellowships.

• **Travel Grants for Undergrad Students to Attend National Meetings (NSA, NSF)**
  Students get the chance to share their work and interact with peers.

• **Tensor Grants for Women in Mathematics (Tensor Foundation)**
  Encourage the pursuit of math among female middle school students, high school students, and/or beginning college students.

• **Tensor SUMMA Grants (Tensor Foundation)**
  Like above but focusing on under-represented groups.

• **Dolciani Mathematics Enrichment Grants (Dolciani Halloran Foundation)**
  This program is structured along the lines of existing MAA Tensor grants.
What’s New? Competitions

- **Team USA finished second at the 2011 International Math Olympiad**
  All six team members brought home gold medals

- **China Girls Mathematics Olympiad**
  All eight US team members medaled (2 gold, 1 silver, 5 bronze)

- **2012-13 AMC Dates**
  - AMC 8, November 13, 2012
  - AMC 10/12, February 5 & 20, 2013

- **2012 IMO in Mar del Plata, Argentina**

Interested in hosting on your campus? Contact AMC for more information.