



MIT MAES Funding Proposal

2016 - 2017

MIT MAES

84 Massachusetts Ave
Cambridge, MA 02139



Overview

MIT MAES was founded in 1997. It was the first MAES student chapter on the east coast of the United States. Because of that, MIT MAES prides itself as being a model student chapter for the east coast chapters. MIT MAES always sets high goals and then strives to achieve those goals. Over the last nineteen years, we have had a strong presence in the Latino community at MIT. One of the founding goals was to create a lasting community among the many diverse groups at MIT. Over the years, we have had many collaborations with different student groups including the Society of Hispanic Professional Engineers (SHPE), the National Society of Black Engineers (NSBE), and the American Indian Science and Engineering Society (AISES). Our goals have also varied between helping other chapters around the Boston area and hosting the first annual Science Extravaganza. This year, we want to continue to work hard to not only maintain but surpass these goals. This year we are undergoing major changes to grow and improve our chapter - restructuring how our meetings are held, implementing a new STEM outreach program in addition to Science Extravaganza, increasing our social events to foster a *familia* amongst our members, and flying out three members to this year's MAES National Symposium in Anaheim.

Chapter Goals

- Increase the number of minority engineering students at the Massachusetts Institute of Technology while promoting their advancement in employment and education.
- Provide a forum for the exchange of information pertinent for minority engineering/science students enrolled at the Massachusetts Institute of Technology.
- Develop a working network with area schools to encourage minority students to enter the engineering and science fields.
- Promote professional advancement for minority engineers and scientists by fostering cooperation among industry, government, and the academic and professional communities to improve educational and employment opportunities.
- Provide counseling and financial assistance to minority students in engineering and science.

Events

The events planned for the 2016-2017 school year are aimed at expanding our membership, developing an overall stronger community on campus, and hosting new and exciting educational outreach programs for middle and high school students. Throughout the school year, general meetings for all members are held every other Friday and consist of various educational outreach and professional development activities. In addition to general meetings, the larger MIT MAES events for this coming fall semester include a diversity networking career fair and a winter Posada. The spring semester will be highlighted by our most important outreach event of the year, the 8th Annual Science Extravaganza. Additionally, this year we are hoping to send more students to the annual MAES symposium and award two company sponsored scholarships to outstanding MAES members.

Diversity Career Fair

This fall semester, we plan to collaborate with MIT's Society of Hispanic Professional Engineers (SHPE) and MIT's National Society of Black Engineers (NSBE) to host a career fair with emphasis on minority recruitment. During this career fair, students have the chance to learn about many different companies by speaking with representatives in a comfortable setting while employers have the unique opportunity to connect with and recruit MIT students.

Represent your Company!

If your company is already a sponsor of MIT MAES, we invite your company to send two representatives to our Diversity Career Fair. If your company is not a sponsor of MIT MAES and would like to send two representatives, we ask for a \$100 sponsorship fee to cover the costs of the event. For more information about how your company can participate in the Diversity Career Fair, please contact maes-request@mit.edu.

MAES Symposium

This year's MAES Symposium is a four-day event that will be held in Anaheim, California. The event will be an opportunity for our members to meet with hundreds of students and professionals from all over the country seeking employment and advancement opportunities in the fields of science and technology. Students will be able to attend a career and graduate school fair, participate in professional development workshops, interview for internships and full time positions, and much more at MAES Symposium.

We have calculated that a total of roughly \$700.00 would completely fund one of our members to attend Symposium. Our target number of participants for this year's event is 3. Any amount of support would be greatly appreciated, of course, and would go to aid all students who want to take advantage of this opportunity.

MAES Symposium Budget

Round Trip Airfare	\$400
4-Night Registration	\$235
Commute	\$50
Total	\$685

Posadas

MIT MAES members and other students enjoy a night of celebration as we approach the end of the fall semester. Posadas is a great opportunity to expand our membership by inviting guests from the MIT community. In the past, we have partnered with other organizations on campus to make this wonderful event happen and hope to continue these collaborations.

Broader Impacts

During this event, we thank our members and recognize the board and chapter members who have gone above and beyond in order to accomplish our chapter's goals and their own personal goals.

Posadas Budget

Food	\$650 - Food for 50 people from Jose's Mexican Restaurant and Cantina
Refreshments	\$30.00 – 100 bottles of water at \$0.30 each \$38.00 – 26 bottles of soda at \$1.50 each \$8.00 – 4 bags of ice at \$2.00 each
Entertainment	\$20 – 2 piñatas at \$10.00 each
Publicity	\$50.00 – 100 flyers at \$0.50 each \$100.00 – 50 programs at \$2.00 each
Audio/Video Rental	\$65.00 – 1 amplifier \$80.00 – 2 speakers at \$40.00 each \$25.00 – 1 microphone
Total	\$1066.00

Science Extravaganza

MIT MAES is excited to host its 8th Annual Science Extravaganza this spring semester. Science Extravaganza is a one-day, hands-on academic enrichment experience for middle and high school students. It consists of workshops and activities presented by volunteer professionals, professors, and college students across a wide range of technical and scientific fields. Science Extravaganza is ideal for sparking an interest in Science, Technology, Engineering, and Mathematics (STEM) among younger students. If you are interested in an information packet with more details about Science Extravaganza, please do not hesitate to contact us at maes-request@mit.edu.

Science Extravaganza Budget

Food	\$800 - Food for 80 people
Lab Supplies	\$700.00 – 100 kits for flashlight lab at \$7 per lab \$1250.00 – 100 kits for Rube Goldberg lab at \$12.50 per lab
Misc.	\$1280 - bus transportation \$1040 - 80 t-shirts at \$13 per shirt \$200 - prizes
Total	\$5350.00

Sponsorship

Our sponsors are what make MIT MAES and all of our events possible. In order for this 2016-2017 academic year to be the most beneficial to the MIT students and surrounding community, we would like to request your financial support for MIT MAES. Sponsoring our organization will help give MIT students and the surrounding community the opportunities and resources to succeed and to become leaders in the academic, executive, and technical communities. Any assistance is immensely appreciated.

Sponsorship Levels			Benefits
Platinum	\$3,000+	\$2000 - Sponsor Science Extravaganza	<ul style="list-style-type: none"> ● Resume book ● Large Sponsor logo on MAES promotional materials, website, and Science Extravaganza shirt ● Invitation to come speak to our chapter ● Opportunity to partner with us for one of our monthly outreach workshops
		\$1000 - 2 Company Sponsored Scholarships or Sponsor MIT MAES general events	
Gold	\$2,000+	\$1500 - Sponsor 2 students to attend the MAES symposium	<ul style="list-style-type: none"> ● Resume book ● Large Sponsor logo on MAES promotional materials and website ● Opportunity to partner with us for one of our monthly outreach workshops
		\$500 - Sponsor Posadas or Diversity Networking Career Fair	
Silver	\$1,000+	\$500 - Sponsor Posadas or Diversity Networking Career Fair	<ul style="list-style-type: none"> ● Resume book ● Large Sponsor logo on MAES promotional materials and website
		\$500 - Sponsor MIT MAES general events	
Bronze	\$500+	\$500 - Sponsor MIT MAES general events	<ul style="list-style-type: none"> ● Resume book ● Small Sponsor logo on MAES promotional materials and website

We appreciate your time and consideration. MIT MAES would be thankful for your support, comments, and suggestions as to how we can make this semester be as successful as possible. We look forward to hearing from you and hope to be able to work with you this coming year. Any questions can be directed to maes-request@mit.edu, and we would be absolutely delighted to answer them. Please accept our sincere regards and warmest gratitude.

Best Wishes,

MIT MAES Executive Board