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future of STEM!

U.S. MINORITY CONTRACTORS ASSOCIATION STEM EDUCATION FOUNDATION

is committed to advancing diversity, inclusion, and equity across the Science, Technology, Engineering and Mathematics fields as well as within Construction Trades throughout the United States.



WWW.USMINORITYCONTRACTORS.ORG/STEM



Mission

The USMCA launched a Science, Technology, Engineering and Mathematics (“STEM”) Educational Foundation for under-represented minority students currently attending Chicagoland schools. The STEM program will inspire students to ask questions, identify challenges, probe new techniques and create solutions in these disciplines.

According to the National Science Foundation State of Science and Engineering 2020 Report, U.S. eighth grade students’ average mathematics scores have been relatively flat over the past decade. The Dept. of Education reported that U.S. students recently finished 25th in math and 17th in science in the world compared to 31 other countries. By 2009, for the first time, over half of U.S. patents were awarded to non-U.S. companies because STEM shortcomings are forcing a hold on innovation.

The USMCA STEM program will help advance access for students in targeted communities to courses by utilizing professionals within the USMCA. We will offer educational and training opportunities that will guide local youths towards pursuing advanced degrees and careers in the Science, Technology, Engineering and Mathematics fields.

“YOU HAVE THE RIGHT TO BE INVOLVED. YOU HAVE SOMETHING TO CONTRIBUTE, AND YOU HAVE TO TAKE THE RISK TO CONTRIBUTE IT.” - MAE JEMISON, Astronaut, Engineer, Physician, Entrepreneur and Philanthropist

Education Partnerships

Grade: K~12

USMCA is partnering with select elementary, middle and high schools to introduce STEM career paths. Programming will include workshops, case studies, problem solving exercises, lab experiments, project tours and one-on-one speed coaching events.

Mentorships

Grade: 9~12

Our Mentorship Program provides students with the opportunity to select and work with a mentor that matches their educational and professional goals. Once paired, the mentor will work directly with the student to provide a personalized program which matches the specific needs of the student.

Internships

Internships are available for those that have graduated from high school and are interested in a STEM related career. USMCA member and partner firms will select qualified applicants for winter break (2-4 weeks) and summer (2-3 month) internships. If you are interested in an internship please go to

<http://usminoritycontractors.org/stem> for more details.

Scholarships

College Degree Award

\$1,000.00

Trade School Award

\$1,000.00

Elementary & High School Award

\$500.00

To apply, go to: <http://usminoritycontractors.org/stem>



Scholarships

Partnerships

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