The College of Literature, Science, and the Arts, like the rest of the nation, shares a deep concern for the educational development of U.S. citizens in science, technology, engineering and mathematics (STEM). The economic success of the United States in the last century is clearly correlated to the extraordinarily high number of scientific breakthroughs and innovations made in our nation. As the pace of research and discovery continues to accelerate, and the technological expertise in countries such as India, China, and Brazil grows, the demand for graduates with both specific STEM content and general STEM competencies continues to increase. But technical knowledge is no longer enough to be successful in this global landscape. Our graduates must also be able to collaborate across cultural, racial, gender, and socioeconomic differences.

Our largest-ever fundraising campaign is ambitious, visionary, purposeful — worthy of the name “Victors.” The $400 million goal is built upon the cornerstone of the liberal arts: the idea that a powerful, pragmatic education can transform hearts and minds, can solve problems in a changing world, can yield ideas and innovation across every discipline. That’s why we are focused on raising money so that the best and brightest minds can have access to the College through robust scholarship support, no matter their financial circumstances. So too are we committed to helping every student acquire not just knowledge in the classroom, but experiences outside the academy including innovative entrepreneurial efforts and internships. We strive to support our faculty on the front-lines of research, and steward our planet, our community, our campus. To do all this, and so much more, the College needs you — because the world needs Victors.
The Michigan STEM Academies Scholars Program (M-STEM) at the University of Michigan strives to strengthen and diversify the cohort of students who receive their baccalaureate degrees in science, technology, engineering, and mathematics with the ultimate goal of increasing the number and diversity of students who are well prepared to seek career opportunities or to pursue graduate or professional training in the STEM disciplines in the new global economy.

To this end, M-STEM provides an integrated, holistic co-curricular support system for students who have been admitted to the University of Michigan with high ability and potential in science, mathematics, or engineering. Students are invited to apply who come from a wide diversity of backgrounds that suggest they are uniquely suited to collaborate across differences.

M-STEM is a cross-university collaboration between LSA and the College of Engineering. Currently LSA students in M-STEM focus their study in the biological sciences, but the College plans to expand the program to cover all the natural sciences in LSA, including physics, biophysics, chemistry, astronomy, earth and environmental sciences, and mathematics.

M-STEM Scholars participate in a pre-freshman year residential summer program with the dual goals of preparing them for the new expectations and requirements of rigorous college science and mathematics courses and establishing the social and academic support networks essential for their success. They also engage in research beginning in their first or second semester. Many participate in a paid research or internship experience during the summer between their first and second years.

Scholarship support for the academic year, summer bridge program, and summer research experience is essential to allow M-STEM Scholars to fully invest their time and effort in academic pursuits. M-STEM Academies was awarded a grant for seed funding from the National Science Foundation, which covered costs for course development and initial staffing and student support. Private funding is critical to enable the M-STEM Academies to continue and expand to include students in all of the natural sciences. Costs for the program include:

**FULL FUNDING TO ESTABLISH M-STEM PROGRAM IN LSA**

$1.2M annually for 5 years

- Scholarship support for students in first-year summer bridge program including tuition, room and board, books and expenses: $600,000 annually at $7,500 per student for 80 student cohort
- Research stipend for students in second summer program: $400,000 annually at $5,000 per student for 80 student cohort
- Programming costs for academic year: $10,000 annually for field trips, workshops, and speakers
- Programming and staffing costs for first-year residential summer program: $75,000 annually for peer advisors, residential staff, and summer programming
- Academic coaches for summer and academic year for 80 students per cohort: $40,000 annually
- Program director: $100,000 annually

**WAYS TO FUND YOUR GIFT**

Your gifts of cash, pledges, or appreciated securities change lives. Wills, estate, and planned gifts allow you to create a lasting legacy that will enable the best and brightest minds to experience a liberal arts education, solve problems in a changing world, and yield ideas and innovations that will make a difference in Michigan and around the globe.