

National Science Foundation Undergraduate STEM Scholarship In Manufacturing Leadership Development



We are pleased to announce a scholarship through the National Science Foundation funded S-STEM program in Manufacturing Engineering Leadership Development at the University of Michigan-Dearborn. This opportunity is available to students who are interested in pursuing an undergraduate engineering degree at UM-Dearborn in mechanical engineering, manufacturing engineering, or industrial and systems engineering with a focus on manufacturing. The key objective of this program is the development of highly talented and skilled manufacturing engineering graduates with leadership qualities.

Amount of Award

The scholarship award is \$21,200 for four years (\$5,300 per year for four years).

Eligibility for STEM Scholarship

- U.S. Citizen or Permanent Resident
- Enrollment in a Michigan public high school or charter school within a school district in Macomb, Monroe, Oakland, Washtenaw or Wayne county
- Financial need, defined for undergraduate students by the U.S. Department of Education, for which the applicant must file a Free Application for Federal Student Aid (FAFSA)
- High School GPA of at least 3.0 (on a 4.0 scale), determined by the Office of Admissions and Orientation, and an ACT score of 22 or higher
- Declared major in manufacturing engineering, mechanical engineering, or industrial and systems engineering with a focus on manufacturing
- Full-time enrollment, taking at least 12 credit hours per semester during the scholarship period

Other Requirements for STEM Scholar Selection - to be completed online: umdearborn.edu/stem scholarship

- Provide name and contact information of a high school counselor or a STEM (Science, Technology, Engineering or Mathematics) teacher who may be contacted for reference
- Provide two written statements about a.) your interest in engineering and b.) your extracurricular activities
- Participate in a phone interview with an Engineering faculty member

Scholarship Renewal

The scholarship will be renewed for up to four years as long as the scholar remains enrolled in the declared major with manufacturing focus, maintains a cumulative GPA of 2.8, and makes satisfactory progress toward degree completion.

Support System for STEM Scholars

The STEM scholars will receive support during their studies through:

- Mentoring, tutoring and counseling
- Cohort meetings
- Enrichment programs such as local plant visits, seminars, summer camps and internships, and professional society meetings
- Interactions with alumni, working engineers, managers and leaders from industry

Application Date and Query

The application deadline for the STEM scholarship is **January 4, 2016**. For further queries on the STEM scholarship, please contact Professor P. K. Mallick at 313-593-5119 or pkm@umich.edu.

11/1/15