

UMBC

AN HONORS UNIVERSITY IN MARYLAND



Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) in Mechanical Engineering at UMBC

The Mechanical Engineering Department at the University of Maryland Baltimore County (UMBC) was recently awarded a four-year S-STEM grant from the National Science Foundation (NSF). The award will support **scholarships** and **educational opportunities** for qualified undergraduate students and is entitled "A Community of Young Scholars: Achieving Student Diversification and Retention in Mechanical Engineering".

KEY ELEMENTS

- ❖ Incorporate research experiences into education via seminars and access to research laboratories
- ❖ Provide academic and professional development experiences that identify employment opportunities and paths for graduate study
- ❖ Improve the transfer experience from local community colleges and promote involvement and success
- ❖ Support students with a leadership team of research and education faculty and student support specialists

S-STEM SCHOLAR ELIGIBILITY AND AWARD GUIDELINES

UMBC's Mechanical Engineering S-STEM program provides need and academic performance based scholarships to qualified undergraduate students. The objectives are to improve student retention and increase career prospects, with special emphasis on diversity. The scholarship is aimed at **graduating high school seniors, community college transfer students and UMBC students**. Scholarships will be awarded to as many as 24 students annually with an average amount of \$4500. Eligible expenses include tuition, fees, books, supplies, housing, and equipment. Scholarship renewals will be based on academic performance and participation in S-STEM program activities.

The S-STEM scholarship applicants must:

1. Be US citizen or permanent resident
2. Be accepted in Mechanical Engineering major at UMBC
3. Maintain full time student status
4. Have a minimum GPA of 2.75
5. Demonstrate financial need (if appl.) by the need-based Federal financial aid. All applicants are required to fill out the FAFSA form (<http://www.fafsa.ed.gov>)
6. Indicate desire for student housing on the UMBC application form if interested in the living learning community (LLC).



HOW TO APPLY

Application materials can be downloaded from the S-STEM Program website at: <http://www.umbc.edu/me-sstem>

The deadline to submit the application materials is **Dec 1st, 2010 or April 1st, 2011**. Applicants will receive e-mail confirmation after receipt.

Submit your application package to:

Liang Zhu, Ph.D.
Department of Mechanical Engineering
University of Maryland Baltimore County
1000 Hilltop Circle
Baltimore, MD21250

Contact information

zliang@umbc.edu or 410-455-3332
UMBC: www.umbc.edu
ME: www.umbc.edu/engineering/me

