



Dear Guidance Counselor,

I am Dr. Wook-Sung Yoo, Professor and Director of Research of the College of Engineering and Computer Sciences at Marshall University.

I am writing this letter to inform you and your students about a scholarship opportunity at Marshall University. Marshall University was awarded a National Science Foundation (NSF) Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) grant to provide scholarships for new students, women in particular, majoring in computer science, engineering, and technology. This scholarship program targets academically talented students interested in STEM who demonstrate financial need. The S-STEM Scholarship will provide \$7,500 per year over the course of four years, as long as the student is enrolled full-time and remains in good academic standing. Additionally, students selected will receive an opportunity to develop technical and professional skills through real-world project experiences guided by faculty mentorship in the Project Work Studio, a collaborative program that enables students to work on projects that provide engineering and technical solutions to local businesses and industries. Please find more information of the program at <https://www.marshall.edu/cecs/nsf-s-stem/>.

To be eligible for the scholarship, students must meet the following eligibility requirements:

1. Be a U.S. Citizen or Permanent Resident of the U.S.
2. Demonstrate financial need through submission of the FAFSA and the College Scholarship Service (CSS) PROFILE.
3. Apply one of the programs in the College of Engineering and Computer Sciences at Marshall University as a full time student.
4. Show academic potential as well as a demonstrated interest in STEM.

I am enclosing a brochure with more information about the scholarship and how to apply. Thank you for your time and I hope that you will share this exciting new scholarship opportunity with your students that may be interested in STEM. Please feel free to contact me if you have any questions.

Sincerely,

Wook-Sung Yoo, Ph.D.

Professor and Director of Research

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BE PROUD.
BE A SON OR DAUGHTER OF MARSHALL.

WHAT IS THE S-STEM SCHOLARSHIP?

The National Science Foundation (NSF) established the S-STEM Scholarship program to fuel the workforce in the fields of science, technology, engineering and mathematics (STEM) so that it's well-prepared to compete in the global economy. The program supports academically talented students with financial need who are pursuing or intend to pursue STEM degrees in higher education. Marshall University has been awarded an NSF S-STEM grant to provide scholarships for new underrepresented undergraduate Marshall students, particularly women, majoring in computer science, engineering, and technology fields.

SCHOLARSHIP AND FUNDING

Each student selected will receive \$7,500 per year over the course of four years, as long as the student is enrolled full-time and remains in good academic standing. Additionally, the scholarship will provide a new laptop during the first year of each student's scholarship and cover travel costs and expenses to field trips and conference presentations.

ELIGIBILITY

To be eligible for the NSF S-STEM Scholarship, a student must:

- Be a U.S. citizen or permanent resident of the United States.
- Demonstrate financial need through submission of the FAFSA or CSS Profile.
- Intend to enroll as a full-time student majoring in one of the programs in the College of Engineering and Computer Sciences at Marshall University.
- Show academic potential as well as a demonstrated interest in STEM.



PROJECT WORK STUDIO

The College of Engineering and Computer Sciences at Marshall University has established the Project Work Studio (PWS), a collaborative program that enables undergraduate and graduate students to work in teams on projects to provide engineering and technical solutions to local businesses and industries. A dedicated collaborative project lab allows students to work together, communicate with project clients, engage in group discussion, perform research and design, and to implement, test, deploy, and deliver their projects to clients with proper documents.

Project teams are formed based on expressed interest, as well as the technical background of each student.

Faculty mentorship is a key aspect of the Studio. Student teams are overseen by faculty members who provide guidance in project management, technical advice, training, and assistance in soft skill development throughout the project. Faculty members also provide regular performance evaluations to improve each student's technical and professional skills.

The Studio has successfully delivered projects to businesses and government entities in the local community for many years.

Learn more about the PWS at www.marshall.edu/cecs/project-work-studio

BENEFITS OF THE SCHOLARSHIP

- Financial support throughout your four-year program: \$7500/year, a laptop & professional travel.
- Real-world project experience under faculty mentorship.
- Seminars and workshops to build skills.
- Lecture series from well-known scholars.
- Network-building in both academy and industry.
- Internship opportunities.
- Lifetime relationship building in small group teams.

SCHOLARSHIP AND FUNDING

For more information about the NSF S-STEM Scholarship, visit marshall.edu/cecs/nsf-s-stem/



APPLYING

The application deadline is Feb. 1, 2022.

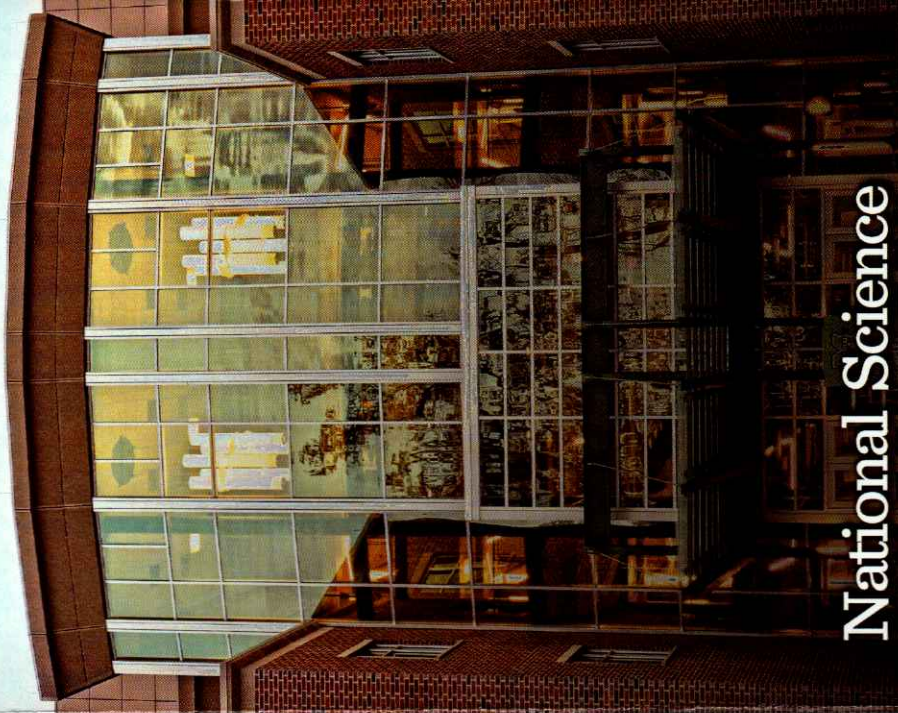
After completing your application for Fall 2022 admission to Marshall University and your FAFSA, please submit the following:

- Completed STEM Scholar Application form (PDF version at <http://www.marshall.edu/cecs/files/Application-2022.pdf> or online version at <https://tinyurl.com/8f77zck>).
- A personal essay of 250-300 words describing your interest in STEM and why you should be selected for this scholarship.
- Two letters of recommendation, at least one from a teacher who knows you well and can assess your potential for success in STEM.
- Final candidates must be present for a personal interview with the scholarship committee.

Applications and other materials should be emailed to **Dawn Rayburn** at rayburnd@marshall.edu.



COLLEGE OF ENGINEERING
AND COMPUTER SCIENCES



National Science
Foundation S-STEM
Scholarship Program

PROJECT
WORK STUDIO

FALL 2022



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College of Engineering and Computer Sciences

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