

2022 Make It Matter Scholarship

In partnership with Science-U, Penn State's Center for Nanoscale Science has created scholarship opportunities for motivated high school students from diverse backgrounds to attend:

Make It Matter (June 27 – July 1, 2022)

Selection Criteria:

- Sincere interest in learning about Science, Technology, Engineering, and/or Math (STEM)
- Passion for sustainability
- Commitment to diversity and inclusion
- Demonstration of a positive attitude and strength of character
- Motivation to learn and academic effort
- Entering 9th through 12th grade in Fall 2022

This scholarship program seeks to attract individuals who value diversity and inclusion. Applicants from populations that are underrepresented and/or underserved in STEM are encouraged to apply.

Instructions for Applicants:

All forms are attached and available at: <https://science.psu.edu/outreach/scienceu/scholarships/mim>

1. Complete the application form and write a 1–2-page essay.

The 1–2-page essay must answer the following three (3) questions using specific examples:

- a. What areas of STEM (science, technology, engineering and math) interest you the most and why?
- b. What does *sustainability* mean to you, and why does it matter?
- c. Why is it important to have diversity and inclusion in STEM? How have you contributed to diversity or included others in your school?

2. Ask a teacher from a previous or current science, mathematics, or technology class OR a STEM Mentor (adult who you have worked with in a STEM club or activity, excludes family members) to complete the STEM Teacher/Mentor Recommendation Form. (Remind them to submit before the deadline!)

3. Submit your application form and essay by January 31, 2022, in one of the following ways:

Mail: Science-U Summer Camp Program
Make It Matter Scholarship Committee
201 Ritenour Building
University Park, PA 16802

Email: sciencecamps@science.psu.edu

Fax: 814-865-0096

**** All materials, including Teacher/Mentor Recommendation Forms, are due by January 31, 2022. ****
Scholarship applications will be reviewed by the Make It Matter Scholarship Committee and applicants will be notified of award decisions by February 7, 2022. For more information, please contact the Penn State Office of Science Outreach by phone at 814-865-0083 or by email to sciencecamps@science.psu.edu.

2022 Make It Matter Scholarship Application Form

Applicants from populations that are underrepresented and/or underserved in STEM are encouraged to apply.

Applicant's Name: _____ Grade* in 2022-2023 School Year: _____

*Please note that you must be entering 9th-12th grade next year (2022-2023 school year) to be eligible for this scholarship.

Current School: _____ Current Age: _____

Parent Contact Email: _____ Parent Phone Number: _____

Have you received a Science-U scholarship before? Yes No

Essay: On a separate sheet of paper, please write a 1–2-page essay (approx. 300-600 words) that answers the following three (3) questions, using specific examples to illustrate your points.

1. What areas of STEM (science, technology, engineering, and math) interest you the most and why?
2. What does *sustainability* mean to you and why does it matter?
3. Why is it important to have diversity and inclusion in STEM? How have you contributed to diversity or included others in your school?

How to Submit: Send this application form and your essay to us no later than January 31, 2022, using one of the methods below:

Mail to:

Science-U Summer Camp Program
Make It Matter Scholarship Committee
201 Ritenour Building
University Park, PA 16802

Email to: sciencecamps@science.psu.edu

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Don't Forget!

Remind your teacher or STEM mentor to submit their recommendation form to the scholarship committee by January 31, 2022!

Thank you for applying to the Make It Matter Scholarship to Science-U! For more information, please contact the Penn State Science Outreach office at 814-865-0083 or the email above.

Camp Name Dates (Eligible Grades)	Camp Description
Make It Matter June 27-July 1 (Grades 9-12)	Creating a sustainable world for ourselves and for future generations really matters! Scientists and engineers have a huge role to play in building a sustainable future, and in this camp, you'll see how researchers in fields ranging from materials science to chemistry and biology make a difference by designing new materials, inventing new ways to create and store energy, studying how to protect our ecosystems, and much more! Through lab visits, field trips, demonstrations, leadership activities, and hands-on science challenges, you will be inspired to think about how you can harness the world-changing possibilities of science and engineering in entirely new ways! Join us for an unforgettable experience focused on making sustainability matter! (Note: The first full day of camp is Monday, June 27, but all campers will check in for an opening ceremony the evening of Sunday, June 26.)

2022 Make It Matter Scholarship STEM Teacher/Mentor Recommendation Form

Adults who have instructed, supervised or mentored the applicant in any STEM class (science, technology, engineering and/or math) or STEM activity (e.g., coach of the robotics team, supervisor of a science-related club) are able to complete this recommendation form. Family members (e.g., parents, grandparents, aunts/uncles) are NOT eligible to serve as recommenders.

This applicant is applying to receive a residential scholarship to attend the week-long Make It Matter Science-U Summer Science Camp at Penn State University. Your candid assessment of the applicant's interest in science, technology, engineering, or math (STEM), character and attitude, motivation to learn, academic effort, and contribution to a diverse and inclusive environment will help inform our decision.

Applicant's Name: _____

School: _____ Grade Level in 2022-2023: _____

How long have you known this applicant? _____

In what capacity have you known this applicant? _____

Sincere Interest in STEM

1. To what level does this applicant demonstrate a sincere **interest in STEM**? (Please select one below.)

Somewhat Interested Interested Very Interested Extremely Interested

2. Please describe 1-2 **examples** of how this applicant demonstrates an interest in STEM:

Character and Attitude

3. Please check any of the traits below that this applicant embodies in an **exceptional** way, compared to other peers.

- | | |
|---|---|
| <input type="checkbox"/> Concern & Respect for Others | <input type="checkbox"/> Leadership Qualities |
| <input type="checkbox"/> Creativity and/or Original Thought | <input type="checkbox"/> Maturity |
| <input type="checkbox"/> Effort/Determination | <input type="checkbox"/> Positive Attitude |
| <input type="checkbox"/> Honesty/Integrity | <input type="checkbox"/> Responsibility |

Motivation to Learn and Academic Effort

4. Compared to other peers, how would you rate this applicant's **motivation to learn** about STEM? (Please select one option below.)

Below Average Average (top 50%) Good (top 25%) Excellent (top 10%)

5. Compared to other peers, how would you rate this applicant's **academic effort**? (Please select one option below.)

Below Average Average (top 50%) Good (top 25%) Excellent (top 10%)

Supporting Questions

6. What are the first three words that come to mind to describe this applicant?

7. In 2-4 sentences, please provide an example of this applicant's character and attitude, motivation to learn, or any other details that would be important for the selection committee to consider.

8. How does this applicant contribute to a diverse and inclusive environment in your classroom, school or organization? Please give a specific example.

Teacher Signature: _____ Date: _____

Printed Name: _____ Title: _____

Email Address: _____ Phone: _____

May Science-U contact you via email* with future STEM opportunities for you and your students?

Yes

No

* *Emails will not be shared with external entities.*

Please return this completed form via one of the following means by **January 31, 2022**:

Mail to:

Science-U Summer Camp Program
Make It Matter Scholarship Committee
201 Ritenour Building
University Park, PA 16802

Email as attachment to:

sciencecamps@science.psu.edu

Fax to: 814-865-0096

Thank you for your help in selecting recipients of the Make It Matter Scholarship to Science-U. If we need additional information about this applicant, we may contact you. For more information, please contact the Penn State Office of Science Outreach at 814-865-0083 or the email above.