



NATIONAL YOUTH LEADERSHIP FORUM: ENGINEERING

October 6, 2023

Ms. Susan Foster
Science Department Chairperson
Manlius Pebble Hill School
5300 Jamesville Road
Syracuse, New York 13214

Dear Ms. Foster:

As a fellow educator, I want to thank you for nominating your students to attend the *National Youth Leadership Forum (NYLF): Engineering*, an Envision by WorldStrides program. Today, I am pleased to invite you to nominate your top students to represent Manlius Pebble Hill School at *NYLF Engineering* next summer, 2024.

NYLF Engineering was established to provide high school students with firsthand experiences in engineering careers so that they are better equipped to make informed decisions on choosing the right university, college major, and career specialty.

NYLF Engineering represents an opportunity for your students to get hands-on experience and valuable insight from industry professionals that will help them succeed in their future careers.

As you may know, several students from Manlius Pebble Hill School have previously attended an Envision program. You may recognize one or more of these outstanding students, who are part of our distinguished alumni association, on the list enclosed.

NYLF Engineering provides an excellent opportunity for your students to experience life on the campus of a top-ranked engineering school in a safe and secure environment. For 2024, the program will take place at Georgia Tech, University of Michigan, Olin College of Engineering and the University of California, Berkeley. Your nominees may choose to attend any program session or location. By attending this program, your nominees will also be eligible to receive college credit through George Mason University.

Space has been allocated for you to nominate up to 10 of your top students who are in grades 9-11 during the 2023/2024 academic year and who have shown academic promise and an interest in the field of engineering. By nominating your students now, they will have first choice of available sessions, allowing them extra flexibility within their often busy summer schedules.

Space in *NYLF Engineering* is strictly limited. For your convenience, submit your priority student nominations directly online through our private and secure website at **NYLFEngineering.com/nominate** using your **Nominator ID: 929924-97746416**. You may also complete the enclosed Certificate of Nomination and return it in the postage-paid envelope provided by the nomination deadline date of November 3, 2023.

By nominating your high-achieving students now through the Priority Nomination Program, you are ensuring that they are among the very first to receive enrollment materials, and therefore, have first choice of available session dates, allowing them and their parents flexibility with their often busy schedules.

At *NYLF Engineering*, your nominees will hear from university faculty and professionals, network with like-minded peers who will be their future colleagues, and explore the rapidly evolving and creative world of design and prototyping. They will see firsthand how the math and science skills they have acquired in the

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NYLFEngineering.com/nominate • TeachEngineering@envisionexperience.com • [#EnvisionbyWorldStrides](https://www.instagram.com/EnvisionbyWorldStrides)

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classroom can be applied to the real world and gain a firm understanding of the key concepts of engineering, including the design thinking process.

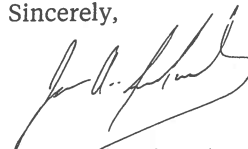
During an immersive, program-long Capstone Impact Challenge, your students will apply their newfound knowledge to help solve a global issue. Through cultural site visits and speaking events, they will have the opportunity to interact with engineering professionals from various fields and gain insights on industry trends and career trajectories. Additionally, your students will enjoy three engaging workshops developed by Andrew Barry, Ph.D., an MIT grad and Founder of Stage One Education. In the workshops, they will apply electronics concepts to program a model helicopter to fly independently, utilize 3D CAD software to design their own model rockets, and investigate the learning process and ethical implications of AI Neural Networks by studying the latest AI models in text, imagery, and music.

Attending the program will serve as an unparalleled opportunity for your students to develop relationships with peers that will benefit them throughout their education and beyond.

Do not hesitate to nominate students who may require financial assistance. Envision has prepared an online, interactive fundraising guide, which has helped hundreds of students raise all or part of their tuition. In addition, Envision also awards a limited number of scholarships based upon financial need, scholastic merit, leadership achievements, and other factors. Submission of a scholarship application is required to be considered for an award.

If you have any questions about nominating your students for *NYLF Engineering*, please contact us toll-free at 866-573-0960 or by email at **TeachEngineering@envisionexperience.com**.

Sincerely,



Jan A. Sikorsky, Ph.D.
Vice President, Education
Envision by WorldStrides

P.S. Nominating does not obligate you, your students or your school in any way. Submit your student nominations directly online at **NYLFEngineering.com/nominate** or complete and return your Certificate of Nomination in the enclosed postage-paid envelope by the nomination deadline date of November 3, 2023.