



TEACHERS:

What are you doing this summer?

- YES NO Are you looking for opportunities to incorporate more real-world experiences into your classroom lessons?
- YES NO Would you like to better connect what you're teaching your students with the skills needed in the workplaces of today and tomorrow?
- YES NO Do you serve a large number of Black and Brown students?

IF YOU ANSWERED YES TO THE QUESTIONS ABOVE, PLEASE KEEP READING.

DreamSTEM's Summer Educator Externship Program is launching in June 2021. This professional development opportunity places area teachers with STEM-focused businesses and organizations throughout Northeast Ohio, giving educators opportunities to experience 21st century workplaces firsthand, and then link classroom experiences with real-world applications with the ultimate goals of improving the number of Black and Brown students who enter STEM disciplines and professions and strengthening our economy.

DreamSTEM's Summer Educator Externship Program

WHO	WHEN	WHERE
5th to 12th grade educators throughout Northeast Ohio, with a strong preference for educators who teach a high percentage of Black and Brown students.	The 4-week program begins June 28 and ends July 26. Educators will work on-site at the host organization Monday through Friday, with specific hours arranged between the educator and the host organization.	Educators will be paired with STEM-focused companies throughout Northeast Ohio, including InvaCare, Northeast Ohio Regional Sewer District, and Synthomer, and can rank their preferences for which companies they join.

NOW ACCEPTING APPLICATIONS! Apply [here](#). More Details ▶▶▶

DETAILS: Educators will be paid stipends of \$500 per week for the four-week experience, and may also be eligible for continuing education or reduced cost graduate credit. Educators will work from the host site, and have daily interactions with staff. In addition, educators and host staff will co-design a capstone experience for the educators to complete prior to the conclusion of the externship. Additionally, teachers will be asked to participate in a public sharing of their work after the externship has ended and to participate in a series of debrief conversations.

NOTE: Participating educators will be expected to follow CDC guidelines regarding COVID-19 safety protocols while on-site at host organizations.

QUESTIONS: Contact Alyssa Lenhoff-Briggs at alyssabriggs@tiesteach.org.

The Experience



Invacare Corporation, headquartered in Elyria, is a world leader in manufacturing medical products. As an extern with this innovative company, you will spend four weeks working alongside product development teams and manufacturing engineers on a specific product. In the Fall, you, your students and their families will be invited to visit Invacare to show off your work, and introduce your students and their families to the Invacare family. Throughout your four-week experience at Invacare, you will be finding examples of real-world application to bring to your classroom lessons.



Northeast Ohio
Regional Sewer District

You can't underestimate our seemingly undercover mission to protect public health and the environment by managing wastewater and stormwater. You will explore the region's watershed from a pre-industrial Cleveland to combined sewers, green infrastructure, connecting culture across the city. This place-based experience provides an interdisciplinary approach to teaching and learning. You will walk away with resources and learning kits for the classroom and an understanding of careers in the water industry. 4-Weeks, 1-Project, 1-Amazing Great Lake, 1-of-a-kind opportunity!



Want to better understand what makes tape stick or baby diapers work? You will spend four weeks learning in a hands-on way about the polymers that go into everyday products. You will join some of the most brilliant minds in chemistry, engineering and STEM, and gain a deep understanding of the workforce needs of this multi-national corporation. Throughout your four weeks, you will learn, and be ready to introduce your students to a fascinating career pathway. And build lasting relationships that you can leverage once you're back with your students.

What is DREAMSTEM?

In partnership with several Northeast Ohio organizations, the NeoSTEM Ecosystem is launching "DreamSTEM," an initiative geared to raise individual and community awareness of the many STEM careers available in northeast Ohio, and develop accessible pathways to them. The ultimate goal of DreamSTEM is to increase the numbers of black and brown students who enter STEM disciplines and professions.

DreamSTEM is the umbrella program for a variety of connected initiatives, including:

- An awareness-building campaign to elevate the importance of STEM through both traditional messaging and grassroots community outreach, such as social media, fliers posted at local businesses, and billboards.
- Developed career pathways spanning from pre-K to college with specific, tangible, and comprehensive curriculums, including both in-school and out-of-school programs, to follow for selected careers.
- A STEM mentorship program connecting students with advisors, and offering professional development opportunities and a teacher externship program.

