

TEACHER EXTERNSHIP PROGRAM

*Extraordinary educators.
Innovative businesses.
Maryland's future workforce.*

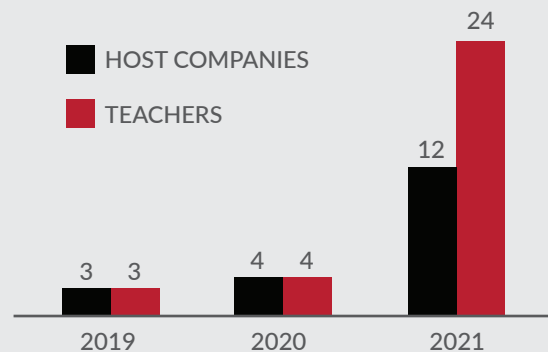


Architects of Opportunity. The Maryland Chamber Foundation's Teacher Externship Program is a four-week summer program that builds the bridge between businesses and educators by pairing high school teachers with top Maryland businesses who provide hands-on experience in industries related to the subjects they teach. These teachers become Architects of Opportunity, bringing this knowledge back to the classroom and empowering their students with the information and skills needed for future careers. Teacher extern receive a stipend from the Maryland Chamber Foundation for their work, and gain invaluable experiences and perspectives that they can share with their students—through field trips, enhanced lesson plans, and exciting classroom activities—when they return to the classroom in the fall.

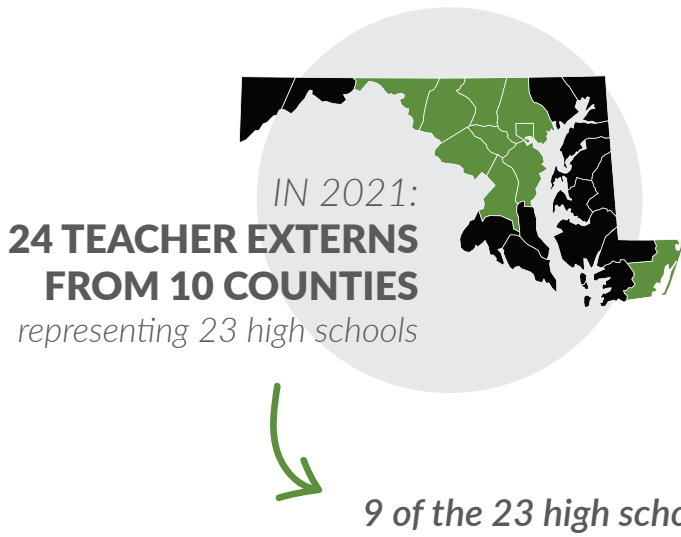
In its third year, the program is staged to impact thousands of Maryland students in 2021-2022 as they consider their future careers. The industry and technical knowledge teachers gain allow them to enhance their curriculum and educate their students on both the hard and soft skills required to enter the workforce and obtain a livable-wage career.

*With three participating teachers
in the 2019 pilot year, the 24
teacher externs in 2021 represent
a 500% growth in the program.*

PROGRAM GROWTH



EQUITY of OPPORTUNITY

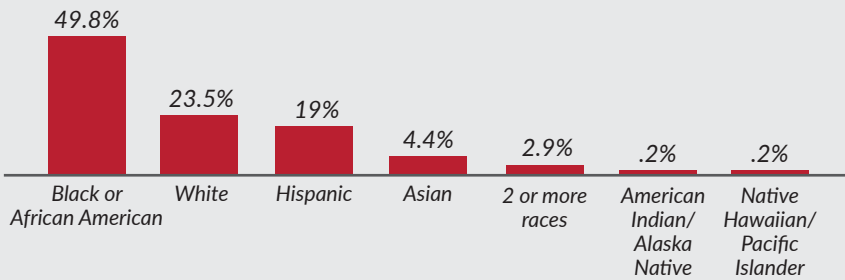


County	# of Teachers	% of Total
Anne Arundel	1	4%
Baltimore	5	21.5%
Baltimore City	5	21.5%
Carroll	1	4%
Frederick	1	4%
Howard	1	4%
Montgomery	2	8%
Prince George's	6	25%
Washington	1	4%
Worcester	1	4%

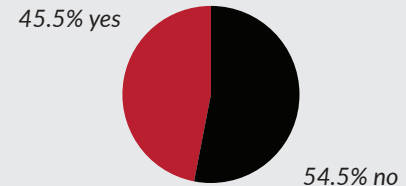
STUDENT POPULATION

This data is based on the general student population of the 23 Maryland high schools our program served in 2021.

RACE, ETHNICITY AND NATIONAL ORIGIN



FREE OR REDUCED LUNCH PROGRAM PARTICIPANT



Source: 2019-2020 school year: <https://nces.ed.gov/ccd/schoolsearch>



“ This experience will change the trajectory of my teaching career, and it will serve as catalyst for strengthening my pedagogical skills and content knowledge to help alleviate the underrepresentation of black and brown students in STEM and computer science. ”

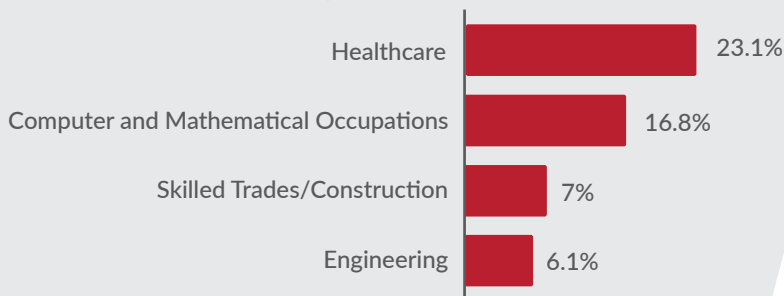


-Sheena Hutchinson
Computer Science teacher at Laurel High School
and 2021 Teacher Extern at Amazon

CREATING a TALENT PIPELINE

The skilled labor shortage facing Maryland has affected most STEM-related fields. According to a release by the U.S. Department of Labor Bureau of Labor Statistics, employment is projected to grow from 162.8 million to 168.8 million over the 2019-29 decade, an increase of 6.0 million jobs. This increase combined with the decline in labor force participation due to the aging out of the baby boomer generation is expected to cause major shortages in several key industries: healthcare, computer and mathematical occupations, engineering and skilled trades.

Percentage Increase in Employment by Industry
in Maryland from 2018-2028*



*According to the Maryland Department of Labor projections

The Maryland Department of Education reports in school year 2020-2021:

40.4% of Maryland public high school students were enrolled in Career and Technical Education (CTE)

82% of CTE students are satisfied with their ability to learn real-world skills in school, compared to only **51%** of non-CTE students.

2% of CTE students said they “don’t know” what they will do after high school graduation, compared to **8%** of non-CTE students.

“The Teacher Externship Program provides the opportunity for teachers to gain first-hand experience in industries that they are preparing their students to enter. Externships help to elevate instructional practices by immersing educators in diverse workplace experiences and current workplace practices. Teachers can apply what they learn in the externship to inform lesson plans and instruction.”

-Tiara Booker-Dwyer

Assistant State Superintendent for the Maryland State Department of Education

2021 HOST COMPANIES:

These 12 companies are committed to creating a robust, career-based learning experience for one or more Maryland educators in 2021. They are leading the way with innovative, career-focused workforce development initiatives.

Amazon	DAP, Inc.	KCI Technologies	Stanley Black & Decker
BGE	Freestate Electrical	Leidos	UnitedHealthcare
Cards Technology	Kaiser Permanente	Potomac Edison	Whiting-Turner

“One of the keys to ensuring the future of the engineering industry is to invest and engage in the next generation. The Maryland Teacher Extern Program provides KCI with a unique and innovative way to reach students by providing real life experiences for a teacher in the technical/engineering field of study.”



-Nathan Beil

CEO, KCI Technologies
and 2021 Teacher Extern host

ARCHITECTS of OPPORTUNITY

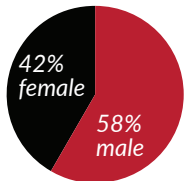


“ My experience at BGE was the best professional experience I have ever had in my life. It was phenomenal. I met with the head executives to human resources to the guys in the trenches and was able to take those lessons back to the classroom. ” -Kibwe Shelton, 2020 Teacher Extern at BGE

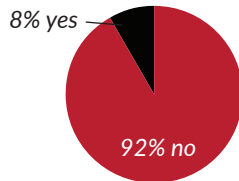
OUR TEACHERS

The 24 teacher externs taking the field in the summer of 2021 teach a wide variety of subjects, from science and engineering to plumbing to career counseling. The following data is representative of these 24 teachers, using self-identified information.

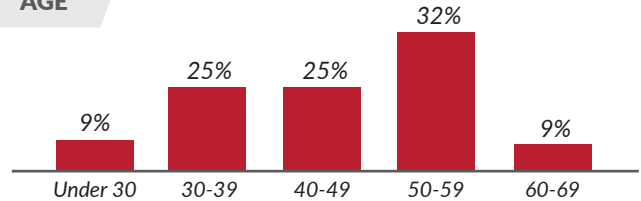
GENDER IDENTITY



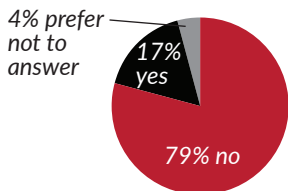
HISPANIC, LATINO OR SPANISH ORIGIN



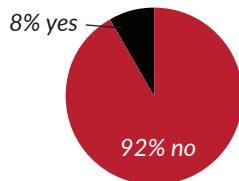
AGE



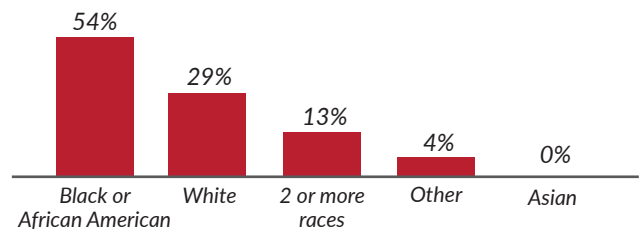
SELF-IDENTIFICATION OF DISABILITY



VETERAN STATUS



RACE, ETHNICITY AND NATIONAL ORIGIN



For more information on the program or to get involved, contact Whitney Harmel, Vice President of Membership & Development wharmel@mdchamber.org / 410-269-0642 x 1117