

CFNOVA Press Contact:

Amanda Bomfim

703-347-7427

amanda.bomfim@cfnova.org

FOR IMMEDIATE RELEASE



Community Foundation for Northern Virginia the Micron Foundation Announce 2026 Micron STEM Opportunity Fund Recipients

Regional partnership awards \$190,000 to expand high-quality, career-connected STEM learning

Fairfax, VA (April 29, 2026) – The Community Foundation for Northern Virginia (CFNOVA), in partnership with the **Micron Foundation**, today announced the recipients of the **2026 Micron STEM Opportunity Fund (the Fund) grants**. The Fund is awarding a total of **\$190,000 to eight nonprofit and educational organizations** advancing high-quality STEM learning opportunities for sixth- through twelfth grade students across Northern Virginia.

The Micron STEM Opportunity Fund was established through a strategic partnership between CFNOVA and the **Micron Foundation**, and reflects a shared commitment to developing strong, future-ready STEM pathways that connect student education to real-world workforce needs by building knowledge, systems, and organizational capacity for organizations that run these STEM programs.

Funded programs emphasize the below areas:

- **Engineering and Physical Sciences**
- **Technology Integration and Artificial Intelligence Learning**
- **Measurement, Evaluation, and Learning (MEL) to strengthen program effectiveness and outcomes.**

“The Micron STEM Opportunity Fund demonstrates the power of pairing global industry leadership with deep regional expertise,” said Renée Byng Yancey, President and CEO, Community Foundation for Northern Virginia. “Together with the Micron Foundation, we are investing in local programs that equip young people with relevant skills, exposure, and confidence – preparing them to participate in the technology-driven economy shaping Northern Virginia and beyond.”

“Micron has been part of the Northern Virginia community for decades, and we know firsthand how critical it is to invest in STEM and AI education opportunities from an early age,” said Rosita Najmi, Head of Global Social Impact and Community Engagement, and Executive Director of the Micron Foundation.

"The 2026 Micron STEM Opportunity Fund grantees reflect our belief that strong communities and strong workforces are built together through purposeful investments in the region's future."

The Micron STEM Opportunity Fund is part of CFNOVA's broader effort to convene partners, mobilize resources, and invest in solutions that create lasting opportunity throughout Northern Virginia. By connecting education and workforce priorities, the Fund helps build clear pathways into engineering, computing, and advanced manufacturing careers critical to the region's future.

A full list of 2026 Micron STEM Opportunity Fund grantees is below and on the Community Foundation for Northern Virginia's website, [cfnova.org](https://www.cfnova.org).

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[ABOUT THE COMMUNITY FOUNDATION FOR NORTHERN VIRGINIA](#)

The Community Foundation for Northern Virginia is building a region that works for everyone by advancing equity through philanthropy and community leadership. Since 1978, we have united thousands of generous Northern Virginians with the causes they care about through donor-advised funds, permanent funds, giving circles, and charitable endowments. We cultivate enduring partnerships with nonprofits, foundations, government, businesses, and community members, maximizing impact to drive meaningful change. Through Insight Region®, our original research initiative, we deliver data-driven insights that reveal the trends and issues shaping Northern Virginia's future.

The Community Foundation proudly serves all Northern Virginians in Arlington, Fairfax, Loudoun and Prince William Counties and the Cities of Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park. Learn more at www.cfnova.org.

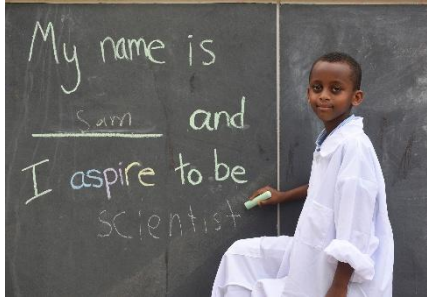
Funded Programs:

Aspire Afterschool Learning \$10,000

Arlington County

Project Name: *Learning ROCKS - Serving 6th – 8th grade students*

This project will provide robust, high-quality STEM programming for 50 underserved 6-8th graders in Aspire's no-cost, daily afterschool/summer program. Students develop skills, examine real world questions, learn about effective/responsible AI use, and explore/prepare for STEM academic/career paths.



“This generous grant from the Community Foundation for Northern Virginia’s Micron STEM Opportunity Fund will ensure that 50 middle school students from historically underserved communities in Arlington can participate in no-cost STEM programming and ensure that students from all backgrounds have the opportunity to pursue STEM interests. They’ll be exposed to new career paths, put STEM skills into action, and build their confidence as future leaders and scientists!” – Paula Fynboh, CEO

Boolean Girl, Inc. \$30,000

Arlington County; Alexandria; Fairfax City; Fairfax County; Loudoun County

Project Name: *Boolean Girl Coding and Engineering Classes and Community - Serving 6th- 8th grade students*

Boolean Girl will teach over 10,000 girls, under-represented groups and low-income kids each year how to code and build engineering projects with a goal of diversifying the STEM industries of tomorrow.



“Boolean Girl has been integrating Artificial Intelligence into our STEM courses and programs for several years, and thanks to funding like the Micron grant from CFNOVA, we are now developing programs that teach girls and other underrepresented youth how to be creators of AI applications. Our courses focus not just on building AI applications but on the safe and ethical use of the technology. As AI grows in importance, we need more women, people of color, and other underrepresented groups to infuse their experiences and understanding of the world into these new technologies to reduce the biases that are currently built into them.”

Comunidad \$15,000

Fairfax County

Project Name: *Coding Bootcamp for Teens: Microcontrollers and Machine Learning – Serving 7th – 12th grade students*



This hands-on coding bootcamp introduces 35–40 middle and high school students from Title I communities to programming, microcontrollers, and applied AI. Students build interactive devices using micro:bit sensors and train simple machine learning models to power their final projects.

George Mason University \$30,000

Manassas

Project Name: *Spark STEM Camp – Serving 6th – 8th grade students*

This summer learning project will engage 30-40 6-8th graders and their families in integrated STEM explorations to spark interest in STEM careers. Engaging adolescents and their families in project-based STEM learning will encourage skills and language development.



“We are thrilled to receive support from the Community Foundation of Northern Virginia and Micron to host Spark STEM camp this summer! This grant will strengthen our ongoing partnership with Georgetown South, sparking middle schoolers’ interest in STEM careers through high-interest experiments, explorations, and family sharing while learning the language and mindset needed for STEM careers.”

Latinas Leading Tomorrow \$15,000

Arlington County; Alexandria; Arlington County; Fairfax City; Falls Church

Project Name: *LLT STEMpower Camp Serving 6th – 9th grade students*

LLT STEMpower Camp at Marymount University is a two-week program for 25 students (total 50 students) in grades 6–9 that builds skills in robotics, AI, and coding through hands-on labs, mentorship from STEM professionals, and college exposure to inspire pathways into high-demand technology careers.



“Through STEMpower Camp, this grant provides students with meaningful exposure to STEM fields through hands-on learning, mentorship, and real-world experiences, helping them build confidence and envision themselves in careers where they are often underrepresented.”

Learning Undeclared \$30,000

All of Northern Virginia; Loudoun County; Prince William County

Project Name: *Mobile STEM Lab Education Program – Serving 6th – 12th graders*

Through its mobile STEM laboratory program, Learning Undeclared delivers hands-on and career-connected curricula directly to parking lots of Title I schools, deploying AI, cybersecurity, engineering, chemistry, and data science activities that align with Micron’s career pathways and workforce needs.



“Thanks to the Community Foundation for Northern Virginia and the Micron STEM Opportunity Fund, Learning Undeclared’s mobile STEM laboratory program will bring hands-on, career-connected learning experiences directly to the parking lots of schools that might otherwise lack access, helping build the future STEM workforce of Northern Virginia.” - Alejandro Cardemil, Chief Development Officer

Loudoun Education Foundation

\$30,000

Loudoun County

Project Name: *Loudoun County Public Schools (LCPS) Robotics Expansion – Serving 6th – 12th grade students*

As the LCPS Career Technical Education (CTE) Department is formalizing a K-12 robotics pathway supported in the future by the district’s budget, we propose an immediate, streamlined competitive robotics program that is school-based and ensures equitable access for an anticipated 1000 students.



“Thanks to the Community Foundation for Northern Virginia and the Micron STEM Opportunity Fund, Learning Undefeated’s mobile STEM laboratory program will bring hands-on, career-connected learning experiences directly to the parking lots of schools that might otherwise lack access, helping build the future STEM workforce of Northern Virginia.” - Alejandro Cardemil, Chief Development Officer

Techbridge Girls \$30,000

All of Northern Virginia

Project Name: *Techbridge Girls Data Science and AI Program for Middle School Girls – Serving 6th – 8th grade students*



This project engages 100 underserved middle school girls in a 10-session "Changemakers: AI for Community" curriculum, culminating in a STEM Summit. Girls learn data science, computer science, and AI to solve real-world community challenges, building tech workforce readiness.

“We are so grateful to receive funding from the Community Foundation of Northern Virginia. This grant brings our innovative STEM programs, including the new Data Science and AI curriculum, to girls across Northern Virginia. It positions us to build on our long-standing partnerships in DC and Maryland and introduces girls to programs that build their confidence and skills in STEM.” - Savita Raj, CEO