

NEOSTEMWECO

Northeast Ohio **STEM** Ecosystem

A Report of Progress,
An Examination of Needs
June 2021

COMPILED BY:
ALYSSA LENHOFF-BRIGGS, EXECUTIVE
DIRECTOR, NEOSTEM WITH SUPPORT
FROM THE NEOSTEM TEAM.



Northeast Ohio STEM Ecosystem

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Northeast Ohio STEM Ecosystem

Executive Summary

Conversation without action is useless.

That was the conclusion reached by members of the NeoSTEM Ecosystem, who formed a strong resolve in March 2020 to ensure that NeoSTEM makes a difference in improving STEM opportunities for all in Northeast Ohio.

NeoSTEM stakeholders decided the top problem they wanted to address is the lack of equity in STEM. They concluded that the visibility and accessibility of STEM careers and pathways to them must be dramatically enhanced for Black and Brown students and their families.

Children in underserved, low-income, and low-resource communities have limited exposure to the ideas, opportunities, and role models from which professional dreams and STEM-focused careers are built. It's a simple truth: to be it, you must see it.

As one of the 94 ecosystems affiliated with the [STEM Learning Ecosystems Community of Practice](#), NeoSTEM stakeholders joined large discussions about strategies for improving equity in STEM, and contributed to "[Restoring America's Position as a World Leader by Reinvesting in STEM](#)," a series of policy recommendations for the Biden-Harris administration.

Conversation pivoted to action for the NeoSTEM Ecosystem in numerous initiatives:

DreamSTEM - In partnership with community organizations and businesses throughout Northeast Ohio, the NeoSTEM Ecosystem has launched DreamSTEM, an initiative geared to raise individual and community awareness of the many STEM careers available in our region, and to develop accessible pathways to them. The ultimate goal of DreamSTEM is to increase the numbers of Black and Brown students entering STEM disciplines and professions.



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

- An awareness-building campaign to elevate the importance of STEM through both traditional messaging and grassroots community outreach, including social media, fliers posted at local businesses, and billboards.
- A STEM mentorship program connecting students with advisors, and offering professional development opportunities and a teacher externship program.
- 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. An asset mapping platform is embedded in this work.

WIR'ED - In its two successful pilots, WIR'ED has paired about 25 tech-savvy students from CMSD and East Cleveland with local businesses in need of an online overhaul. Students lend their tech expertise to businesses, and businesses provide students with real-world opportunities to problem-solve. A third pilot is launching in June 2021.

WIR'ED addresses the COVID-19 pandemic's effects on students and shopkeepers by: 1) closing the learning gaps caused by shifting and uncertain school schedules; 2) helping shopkeepers combat the effects of business shutdowns and social distancing measures; and 3) giving students confidence that they have skills and knowledge that are valued by "adults."

Connections - A key driver of NeoSTEM is fostering connections among a wide variety of organizations who have STEM opportunities, resources, needs or interests. NeoSTEM monthly meetings allow stakeholders to come together to share their work and discuss ways of supporting one another. About 30 to 50 people, representing businesses, K-12 education, higher education, non-profits, philanthropy, government and others join the monthly calls.

Each of these initiatives is explained and explored in more depth on the following pages.

NEOSTEM-ECO

Northeast Ohio STEM Ecosystem

This report is intended to document the work of NeoSTEM and highlight its results while also exploring identified pathways for growth and expanded work.

In general, the NeoSTEM Ecosystem is serving students, families, businesses, nonprofits, and others in the 18-county region of Northeast Ohio.



This 18-county area marked above with the “3” includes more than 100 different school districts, dozens of private or charter schools, hundreds of businesses and a population of about 4.5 million people.

For the 2020-2021 year, NeoSTEM engaged with organizations that serve about 500,000 people from the region. For 2022, NeoSTEM is aiming to engage with organizations that serve about 1 million people.



The DreamSTEM design team met during early Spring 2021 and developed a multi-phased plan for improving the visibility and accessibility for STEM careers for students and families in the Northeast Ohio region.

The team, made up of partners from business, industry, higher education, K-12, nonprofits and after-school providers, also includes students and their families. The group engaged in deep conversations and formed a series of goals and then formed working groups to accomplish those goals.

The three working groups that launched immediately are:

- Mentorship - The initial work of the mentorship group is to launch and then iterate and replicate a summer teacher externship. The 2021 pilot is in place for five area educators at three area organizations. The next step will be to talk to existing mentoring organizations about developing a STEM-focused training for mentors.
- Asset Mapping - A tool, STEMMAP.ORG, has been selected and finalized and data collection is set to begin in mid-June 2021.
- Communications - Key message drivers as well as strategies for delivering those messages have been developed and testing will begin in late June 2021.

The DreamSTEM team is cognizant of the heavy lift involved in launching - and sustaining - the work developed here, and is working on a plan to secure the needed resources to ensure ongoing success and viability of the work.

A visual and detailed summary of that work can be viewed [here](#).



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DreamSTEM's Teacher Externships

Three Local Organizations To Host Educators for Summer Externships DreamSTEM Seeks to Increase Numbers of Black & Latinx Students in STEM

Three local organizations will host five Northeast Ohio educators for a month-long externship program as part of the NeoSTEM Ecosystem's DreamSTEM initiative.

Invacare Corporation, the Northeast Ohio Regional Sewer District and Synthomer will provide select educators an immersive, hands-on experience intended to heighten and deepen knowledge of available careers in Science, Technology, Engineering and Math (STEM). The educators will take what they learn back to the students and families they work with to increase awareness of and pathways to the many and varied STEM careers in Northeast Ohio.

The inaugural summer 2021 DreamSTEM summer externship program will begin with five educators from the region, serving as a pilot for a larger program to begin in Summer 2022.

The five teachers are being interviewed June 3 with final decisions to be announced the week of June 7.

A committee made up of about ten area education, business and non-profit leaders have been developing the program and will stay closely connected to the initiative to help iterate it for Summer 2022.

Final Presentation Planned for Early Fall

We will invite all DreamSTEM team members to a Fall presentation where educators share what they learned and what they're taking back to their students. The teachers will offer a brief report-out at the next big DreamSTEM team meeting scheduled for 9 a.m. to 11 a.m. on Thursday, July 29.

Know of An Organization Who Might Want to Host a Summer 2022 Externship Program?

We are looking for companies and organizations that employ STEM-trained workers and who might be willing to host educators for a Summer 2022 externship.

Please encourage any interested parties to reach out to Alyssa Briggs at AlyssaBriggs@TiesTeach.org

DreamSTEM's Asset Mapping

The team working on asset mapping was charged with finding a tool to collect data about existing STEM opportunities for students and families in Northeast Ohio. The team has chosen STEMMAP.Org and has developed a plan for gathering data from area STEM providers and then publicizing the existence of the database.

NeoSTEM is launching DreamSTEM in June 2021 with heavy emphasis on gathering data. We will move to recruiting users once data has been entered. We are aiming for September 2021.

Check out the [one-pager](#) describing the asset mapping work.

DreamSTEM's Community Visibility and Outreach

DreamSTEM Outreach Messages Come Together

DreamSTEM's advisory committee members and thought leaders are hard at work formulating the initiative's key messaging concepts and delivery strategies.

DreamSTEM will move forward with three primary outreach messages:

1. The "I am STEM" campaign will profile individuals in STEM careers.
2. The "Why STEM" campaign will focus on the idea that STEM skills lead to vibrant career opportunities.
3. The "STEM Needs You" campaign will highlight key statistics regarding the STEM opportunities in Northeast Ohio, such as available STEM jobs, the number of unfilled STEM jobs, and STEM industry employee retention rates.

Each message will be accompanied by the primary call to action "Find Your Future in STEM," and will direct to a website offering general STEM-related content and information on specific career pathways.

Messaging concepts will be finalized by June 11, and will be presented to a focus group shortly thereafter.

Initial Website

Development Underway

Initial website development is underway, with the hope that the bulk of the development work will be undertaken by Cleveland- and Akron-area students and completed later this Summer.

Calling for Individuals to Profile

We would like to develop a pool of individuals in STEM, in both traditional careers and emerging industries, willing to be profiled for the community outreach campaign. If you or someone you know would like to be profiled, please contact John Roszczyk at john.roszczyk@gmail.com.



DreamSTEM's Needed Resources

The NeoSTEM team will anchor the DreamSTEM work. Its human and financial resources are limited, however, and NeoSTEM is still driving other work, including its WIR'ED initiative and regular monthly engagements.

- Financial Needs - To date, NeoSTEM has raised a total of about \$32,500 of the projected \$150,000 annual need to keep all DreamSTEM work moving forward throughout 2021 and the first half of 2022. Numerous grant requests are pending, but DreamSTEM is still seeking additional support.

Staffing Needs - NeoSTEM is staffed with a part-time director, a part-time communications director and several consultants. It is in need of a full-time data manager to help manage STEMMap.org.

DreamSTEM's Visual Summary

[Visual summary](#) of the DreamSTEM work as of Mid-June 2021.

DreamSTEM's Advisory Committee

Learn about the many dedicated volunteers leading this important work.

The entire DreamSTEM [team](#).

The asset mapping [team](#)

The teacher externship program [team](#)

The community visibility and outreach [team](#)

A Quick Summary



<p>Students served from March 2020 through June 2021</p>	<p>32 - Cleveland Metropolitan School District 6 - East Cleveland School District</p>
<p>Businesses served from March 2020 through June 2021</p>	<p>320 - Cleveland Area Businesses and Organizations Served Vance's Barber Shop, Somethings Fishy, Legoheadz Barber Shop, JCC Catering, Magically Natural, Gus' Family Restaurant, Atika Styles Beauty Salon, Walt Grever Mower, JDL Treat and Flower Shop, David's Challenge Young Achiever's Ohio, Northeast Ohio Alliance for Hope, Falafel Cafe, Bill Kap Piano, East Cleveland Neighborhood Center, Celebration United Methodist Church, Mt. Pleasant United Methodist Church, 1000 Lbs Lighter, Millenium Tours, Lawson Business Group, NeoSTEM Ecosystem</p>
<p>Mentors / advisors involved in program</p>	<p>13 - Northeast Ohio Professionals Involved as Mentors or Advisors Matt Wilkinson, Goodyear; Molly Ware, Goodyear; Siddartha Sen, Veale Foundation; Todd Franko, Report for America; Mel McGee, We Can Code It; Adrienne Sabo, Clever; Anthony Battaglia, CMSD; Johnese Sherron, Old Brooklyn CDC; Jayme Lucas Bauer, Old Brooklyn CDC; Kabir Bhatia, WKSU; Me'lani Labat Joseph, Transformative Innovations; John Roszczyk, NeoSTEM; Alyssa Briggs, NeoSTEM; Annalise Everett, CMSD student and WIR'ED Cohort 1 graduate; Samone Cummings, CMSD student and WIR'ED Cohort 1 graduate</p>
<p>Key Takeaways from Students, Businesses and Mentors</p>	<p><i>"I want business to be a part of my life." - CMSD student</i> <i>"I learned that I do have something to teach others." - East Cleveland student</i> <i>"I learned that I have a lot to learn and that I can learn from those much, much younger than I." - Cleveland barber shop owner.</i> <i>"They (the students) definitely opened my eyes to a lot of things in regards to technology. And I think they were able to learn some of the things I was able to teach them as well." - Cleveland restaurant owner</i> <i>"I learned I can use my creative mind." - CMSD student</i></p>

History of WIR'ED



In mid-March 2020, the Old Brooklyn Development Corporation identified a real and immediate problem. Many of the brick-and-mortar businesses in its community had little or no online presence, and were struggling to operate in the increasingly socially distanced and virtual world brought by the pandemic.

In response, NeoSTEM leaders developed WIR'ED, a simple, straightforward, and impactful solution to the problems shopkeepers face operating online. With coordination from the NeoSTEM ecosystem and numerous other partners, WIR'ED teams students with marketing professionals and business owners to create and expand businesses' websites and social media, and teach business owners how to manage their online presence during the pandemic.

WHAT IS WIR'ED?

THE GOAL

WIR'ED addresses the pandemic's effects on students and shopkeepers by: 1) closing the learning gaps caused by shifting and uncertain school schedules; 2) helping shopkeepers combat the effects of business shutdowns and social distancing measures; and 3) giving students confidence that they have skills and knowledge that are valued by "adults."

THE PLAN

In its two successful pilots, WIR'ED has paired tech-savvy students from CMSD and East Cleveland with local businesses in need of an online overhaul. Students lend their tech expertise to businesses, and businesses provide students with real-world opportunities to problem-solve.

THE PARTNERS

For its first pilot, which launched in April 2020, CMSD students were partnered with Old Brooklyn area businesses: Magickly Natural, Legoheadz Barbershop, Vance's Barber Shop, Somethings Fishy, JCC Catering, Atika Styles Beauty Salon and Walt Grever Mower.

For its second pilot, which launched in February 2021, CMSD and East Cleveland students are partnered with Bill Kap Piano, David's Challenge Young Achievers Ohio, the East Cleveland Neighborhood Center, Falafel Café, Gus's Old Brooklyn Restaurant, the Historical Society of Old Brooklyn, JLD Treat and Flower Shoppe, and the Northeast Ohio Alliance for Hope.

In its third pilot, which launches in Summer 2021, NeoSTEM is proud to partner with Verizon and Youth Opportunities Unlimited to continue the WIR'ED mission of connecting students and businesses throughout Northeast Ohio. Eight CMSD students will partner with eight businesses, including Celebration United Methodist Church, Mt. Pleasant United Methodist Church, 1000 lbs. Lighter, Historical Society of Old Brooklyn, Millennium Tours, Lawson Business Group, and the NeoSTEM Ecosystem.

The Martha Holden Jennings Foundation provided funding for the first two pilots of WIR'ED.



NEOSTEM OVERALL

The NeoSTEM Ecosystem has been holding regular monthly meetings throughout 2020 and 2021, bringing together 30 to 50 stakeholders at each meeting representing a broad cross-sector of partners.

The goals of the meetings are to advance NeoSTEM's key initiatives while also making space for individual members to share the goals of their own organizations with the hope of making connections to advance each other's work. NeoSTEM recognizes the critical role that relationships play in work and is working to be intentional about allowing time and space for the NeoSTEM community to get to know one another.

NEOSTEM NEIGHBORHOOD PLAN

NeoSTEM stakeholders have launched discussions and very preliminary plans for establishing a presence in one or more neighborhoods throughout the region.

Dr. Calvin Mackie, founder and president of STEM NOLA of New Orleans, spoke to the NeoSTEM Community during its April 6, 2021, [meeting](#) to share how he has used a center to drive STEM learning and engagement for thousands of Black, Brown and underserved students in New Orleans. STEM NOLA's model is one that appealed to many NeoSTEM stakeholders and Dr. Mackie has agreed to work with NeoSTEM as a consultant as it develops plans for becoming more visible.

The guiding premise for NeoSTEM as it thinks about finding a home is to serve as a coordinator and facilitator of its partners' programming and resources.

MAGNET has offered NeoSTEM space in the building it is renovating in Midtown and a NeoSTEM team is discussing particulars of what that might look like and will report back by Fall 2021 with a recommendation.

Additionally, NeoSTEM is also thinking about coming up with a plan to take partners' programming to various neighborhood centers on a regular and rotating basis.

Finally, NeoSTEM is also exploring the possibility of creating a STEM bus that would tour various neighborhoods and be staffed with volunteers from various partner organizations.

NEOSTEM AFFILIATES

Akron Community
Foundation

Akron Public Library

Akron Public Schools

Akron Zoo

Ashland University

ASM International

Baldwin Wallace College

Boys & Girls Club of
Cleveland

Boys & Girls Club of the
Western Reserve

Case Western Reserve
University

Center for Arts-Inspired
Learning

Chalk

Challenge Island

Cleveland Clinic Foundation

Cleveland Foundation

Cleveland Metropolitan
School District

Cleveland Museum of Art

Cleveland Natural History
Museum

Cleveland State University
College NOW

Cuyahoga County Public
Library

DigitalC

Fund for Our Economic
Future

Girl Scouts of Northeast
Ohio

Girls Who Code

GCP

GCP RITE

Great Lakes Science Center

IdeaSTREAM

Improved Insights

Indeed We Code

International Student
Services Association

Invention League

Invacare

Jewish Federal of Cleveland

John Marshall School of IT

JumpSTART

Lake County ESC

Lorain County Community
College

Lorain County Public
Library

MAGNET

MyCOM CLE

NEOSRD

Parker-Hannafin

Soap Box Derby

Starting Point

StartSOLE

Synthomer

TEALS K-12

Tech Corps

Verizon

WeCanCodeIT

YMCA of Cuyahoga
County

NEOSTEM ORGANIZATIONAL STRUCTURE & STAFF

NeoSTEM operates as an initiative of Envision Excellence in Education, a 501 C-3 non-profit organization. NeoSTEM is currently staffed with a part-time executive director and part-time communications consultant. Additionally, it works with a team of consultants who lend expertise on various initiatives.

NeoSTEM is developing plans for an advisory committee that would help lead operations. The plan is for the advisory committee to come into existence in early 2022 with responsibilities for advising operations of NeoSTEM, including setting priorities.

STAFF AND CONSULTANT BIOGRAPHIES

Alyssa Lenhoff-Briggs, Executive Director

Alyssa is the founding director of the NeoSTEM Ecosystem and served in that capacity until 2017 when she moved up to lead the global STEM Learning Ecosystems Community of Practice, SLECoP. In early 2020, when NeoSTEM had a leadership vacancy, she volunteered to keep NeoSTEM going while still maintaining a leadership role with the SLECoP.

With NeoSTEM and the STEM Learning Ecosystems, she is most proud of being able to bring together diverse partners, with seemingly little in common, together to work for shared goals and gains related to improving STEM opportunities for underserved students and families.

Alyssa and the teams with whom she works have helped scale the SLECoP from 26 communities to its current level of 94 across the world. She has helped lead fund and partnership development that have enabled the SLECoP to now serve about 40 million students worldwide. She has also helped coordinate communications efforts as well as sharing of practices, programs and initiatives throughout the network.

Alyssa holds a PHD in interdisciplinary studies from Union Institute and University, a master's in English from Youngstown State University and a bachelor's in journalism from Northwestern University.

John Roszczyk, Communications Director

As communications director, John oversees the marketing and promotion of NeoSTEM's initiatives, and manages its social media accounts. In addition, John is acting as the WIR'ED program director in the third pilot, as well as serving as a student advisor.

Prior to joining NeoSTEM, John spent 15 years as a civil litigation attorney, the past five of which as a founding partner of Baker & Roszczyk, LLC, in Chagrin Falls, Ohio. While he found the practice law rewarding, John sought a transition to a career which allowed him to more directly connect with and positively impact his community.

John graduated from the E.W. Scripps School of Journalism at Ohio University, and the University of Akron School of Law.

Jan Morrison, Lead Consultant

Jan serves as a strategic advisor for NeoSTEM, offering rich and deep STEM expertise coupled with vast knowledge of the Northeast Ohio learning landscape.

Jan is the Founder and Senior Partner of TIES – Teaching Institute for Excellence in STEM and has served as the Senior Consultant for College Ready STEM Education as well as Post-Secondary Success for the Bill and Melinda Gates Foundation, Battelle Memorial Institute, Carnegie Corporation of New York, Innovate to Educate, S.D. Bechtel, Jr. Foundation, Senior STEM Education Consultant for the Ohio STEM Learning Network and many other statewide STEM networks, and served as an advisor with the White House and Department of Education for the past four administrations.

Jan and TIES served as the designer and lead for the National STEM Funders Network, a collaboration of more than twenty-eight STEM funders seeking to fund STEM for the USA with greater return on their investment and therefore for the nation's students. Jan and TIES are co-designers of the STEM Learning Ecosystem Initiative of the STEM Funders Network and run its National Community of Practice of nearly 100 STEM Learning Ecosystems.

Angie Kastning, Operations Director Envision Excellence in STEM Education

Angie Kastning currently serves as the Operations Director for Envision. With a diverse background in the non-profit arena and a fondness for operations, Angie helps to identify and create processes to sharpen and expedite program work and coordinate the organization's various projects, grants management and events. By developing and fostering strategic partnerships and supporting collaborative fundraising efforts, she works closely with NeoSTEM, the STEM Funders Network, global STEM Learning Ecosystems Initiative Community of Practice and Israel STEM Learning Ecosystems Community of Practice. Angie holds a B.S. in Business Marketing from Miami University.

Jeremy Shorr, Consultant

Jeremy Shorr is director of digital innovation and early learning for TIES, where he works with schools and districts around the world to implement new instructional strategies through workshops and ongoing support. Jeremy is an education futurist who is passionate about innovating the instructional experience for learners of all ages.

Me'lani Labat Joseph, Consultant

Me'lani is a strategic advisor for NeoSTEM, she focuses on equity issues and overall general topics related to NeoSTEM activities.

Me'lani Labat Joseph has over 26 years of experience in community and youth STEM program development and management. She is the Principal of Transformative Innovations LLC, a consulting company which provides strategic thinking and technical assistance to help organizations and institutions implement high impact STEM strategies that maximize youth and community outcomes. Before that, Me'lani was the Director of Engineering for the Leonard Gelfand STEM Center at Case Western Reserve University (CWRU) where she was responsible for providing leadership and oversight of the design, development and implementation of preK-12th grade STEM outreach activities annually serving thousands of youth in the metropolitan Cleveland Area.

Me'lani has been recognized for her innovative STEM outreach work in print, tv and radio. Most recently in June 2021, Me'lani appeared in a WKYC, Channel 3 feature of the youth program Advantage Cleveland Tennis and Education where she serves on the board. In 2019, she was recognized as a Notable Woman in STEM by Crain's Cleveland Business magazine and in 2018 she was featured on WKYC, Channel 3 as part of their Girls in STEM Initiative. She also co-created the Case Anatomy Camp in 2009, a unique STEM outreach program in partnership with the CWRU School of Medicine which was featured in the March 2014 edition of American Way, the American Airlines-American Eagle in-flight magazine.

Me'lani is active in various volunteer and civic activities impacting the lives of youth. In addition to serving on the board of Advantage Cleveland Tennis and Education, she is an advisory member of the REACH Program at University School and a board member of Greater Than Math, a math enrichment program. She has formally served as a board member on the Black Alumni of MIT (BAMIT), Citizens Academy Schools, part of Breakthrough Charter School network and was the program designer and advisory member of the North Star Collaborative enrichment program at Laurel School.

Me'lani holds a Bachelor of Science Degree in Mechanical Engineering from the Massachusetts Institute of Technology and a Master of Public Policy degree from the University of Chicago, Harris Graduate School of Public Policy Studies.

Dr. Terrence Robinson, MBA, MS, Consultant

Dr. Robinson is a strategic advisor for NeoSTEM, he focuses on developing teacher externships and advising NeoSTEM on how to align the DreamSTEM work with other STEM initiatives ongoing throughout Northeast Ohio

Dr. Terrence Robinson is the Co-founder & Vice President of Workforce Systems Design at Success Pathways Alliance. Success Pathways Alliance is a non-profit consulting firm that focuses on policies and systemic initiatives that align a regions workforce and education systems. Since co-founding Success Pathways Alliance, Dr. Robinson has become recognized as a thought leader and expert on aligning our workforce and education systems. He has partnered with the Urban League of Greater Cleveland to guide the growth and re-emergence of their workforce division since 2018. This partnership has led to the Urban League of Greater Cleveland being a consistent voice and advocate for diversity, inclusion, and economic equity within several workforce development initiatives such as the Cuyahoga County Workforce Funders Manufacturing Sector Partnership. Under his leadership, Success Pathways Alliance has partnered with, advised, and/or consulted on various workforce development, career pathways, and talent pipeline initiatives with the Cleveland Foundation, the Cleveland Metropolitan School District, Ohio's Governor's Office of Workforce Transformation, Council for Adult and Experiential Learning (CAEL), and the Pennsylvania State System of Higher Education (PASSHE).

Prior to co-founding Success Pathways Alliance, Dr. Robinson was the Vice-President of Workforce Development and Economic Inclusion. During his tenure at MAGNET, Dr. Robinson was the primary architect of the highly acclaimed Early College Early Career (ECEC) manufacturing pre-apprenticeship program that is recognized throughout the State of Ohio as a best practice model, due to the partnership structure that was built out by Dr. Robinson. Since his time at MAGNET, Dr. Robinson has become widely recognized as an expert in building out career pathway models for multiple industry sectors and has completed extensive research around work-based learning models, sector partnerships and talent pipeline management.

Dr. Robinson is a community leader who has served as a board member with Breakthrough Charter Schools Network, The Friendly Inn Settlement House, and the Consortium for African American Organizations (CAAO). He currently serves on the advisory board of The REACH Program at University School and is a member of Ideastream's American Graduate Workforce Development Task Force. <http://www.ideastream.org/education/american-graduate/ideastream-task-force>

Dr. Robinson earned his Doctor of Education (Ed. D) in Community College Leadership from The Roueche Graduate Center at National American University. In addition to his doctoral degree, Dr. Robinson also holds two graduate degrees from Weatherhead School of Management at Case Western Reserve University: Master of Business Administration (MBA) in Strategic Management and a Master of Science (MS) degree in Positive Organizational Development. Dr. Robinson completed his undergraduate work at the historic and prestigious Morehouse College in Atlanta, Georgia, earning a Bachelor of Arts in Finance.

NEOSTEM 2021 PROJECTED BUDGET

OPERATIONS

Revenue	Budget
Cleveland Foundation	\$ 65,000.00
Nordson Corporation Foundation	\$ 10,000.00
Total Revenue	\$ 75,000.00

Expenses	Budget
Staff - Administration & Program Development	\$53,000.00
Consultants - Strategic Visioning	\$11,700.00
Marketing (Website, Video Production, Graphic Design)	\$5,700.00
Fiscal Agency Overhead	\$2,500.00
Total Expenses	\$72,900.00

DREAMSTEM

Revenue	Budget
Verizon	\$ 15,000.00
Northeast Ohio Regional Sewer District	\$ 5,000.00
Akron Community Foundation	\$ 5,000.00
GAR Foundation	\$ 2,500.00
Synthomer	\$ 5,000.00
Total Revenue	\$ 32,500.00

Expenses	Budget
Staff - Administration & Program Development	\$78,000.00
Consulting - Strategic Visioning	\$ 2,000.00
Advertising (i.e., billboards, buses, print, etc.)	\$ 25,000.00
Program Development	\$ 20,000.00
Marketing (content creation and creative)	\$ 10,000.00
Website Development	\$ 5,000.00
Fundraising	\$ 5,000.00
Administration	\$ 4,000.00
Student Stipends	\$ 1,000.00
Total Expenses	\$150,000.00

WIR'ED

Revenue	Budget
Verizon	\$ 10,000.00
Jennings	\$ 15,000.00
Case	\$ 13,000.00
Nord Family Foundation	\$ 5,000.00
Total Revenue	\$ 43,500.00

Expenses	Budget
Staff - Administration & Program Development	\$27,000.00
Consultants - Strategic Visioning	\$3,000.00
Student Stipends	\$10,000.00
Marketing (Website, Video Production, Graphic Design)	\$1,000.00
Project Equipment	\$1,000.00
Fiscal Agency Overhead	\$1,500.00
Total Expenses	\$43,500.00

REMAKE LEARNING

Revenue	Budget
Remake Learning Days	\$12,000.00
Total Revenue	\$ 12,000.00

Expenses	Budget
Staff - Administration	\$8,500.00
MiniGrants	\$1,500.00
Local Kickoff Event	\$1,000.00
Back to School Event	\$1,000.00
Total Expenses	\$12,000.00