



STEM®

2024 ANNUAL REPORT



PIXELS

TO

POSSIBILITIES



# TABLE OF CONTENTS



3. THE MAGIC OF MICRO-LEARNING	↖
4. C-STEM IMPACT ON YOUNG LIVES	↖
5. PROGRAM HIGHLIGHTS	↖
7. PARTNERS	↖
8. DONORS	↖
9. C-STEM TEAM	↖
10. FINANCIALS	↖
11. THE BIG PICTURE	↖

“We at C-STEM have stood behind the belief that ‘Everyone is an Artist and Engineer’ over more than two decades of providing the most current, relevant STEM education resources for students with limited resources. With AI tools now available at every turn, it takes just minutes to create a design or produce code. More than ever, we must ensure that no child is left behind due to color, income, disability, or any other factor by expanding access to the most current tools and instruction on how to best use them.”



**Ahmad Shaheed**  
Board Chairman

# PIXELS TO POSSIBILITIES: THE MAGIC OF MICROLEARNING

C-STEM always has its ears open to the needs of our partner schools and students. In 2024, we came to a striking conclusion – microlearning is how we can make the biggest impact in today’s educational climate.

We’ve found that as school districts face shrinking resources, absenteeism, and shortened attention spans, more focused efforts like condensed teacher training, after school workshops, and summer camps can make the biggest difference in removing barriers to STEM learning. This is easier than ever with advanced technology that has become widely available. Smaller group activities also provide more one-on-one attention for those struggling with STEM concepts.

With each pixel C-STEM adds to the picture, the possibilities multiply for Black, Brown, and students in lower income areas, who are often underrepresented in STEM. We carefully design each experience to close learning gaps, and honing in on these specific areas allows us to quickly pivot as technology changes.

We owe endless gratitude to our sponsors and partners, who brought our vision to life this year and will empower us to bring significant impact to underserved and underrepresented students for years to come.



**Reagan Flowers, PhD**  
C-STEM Founder

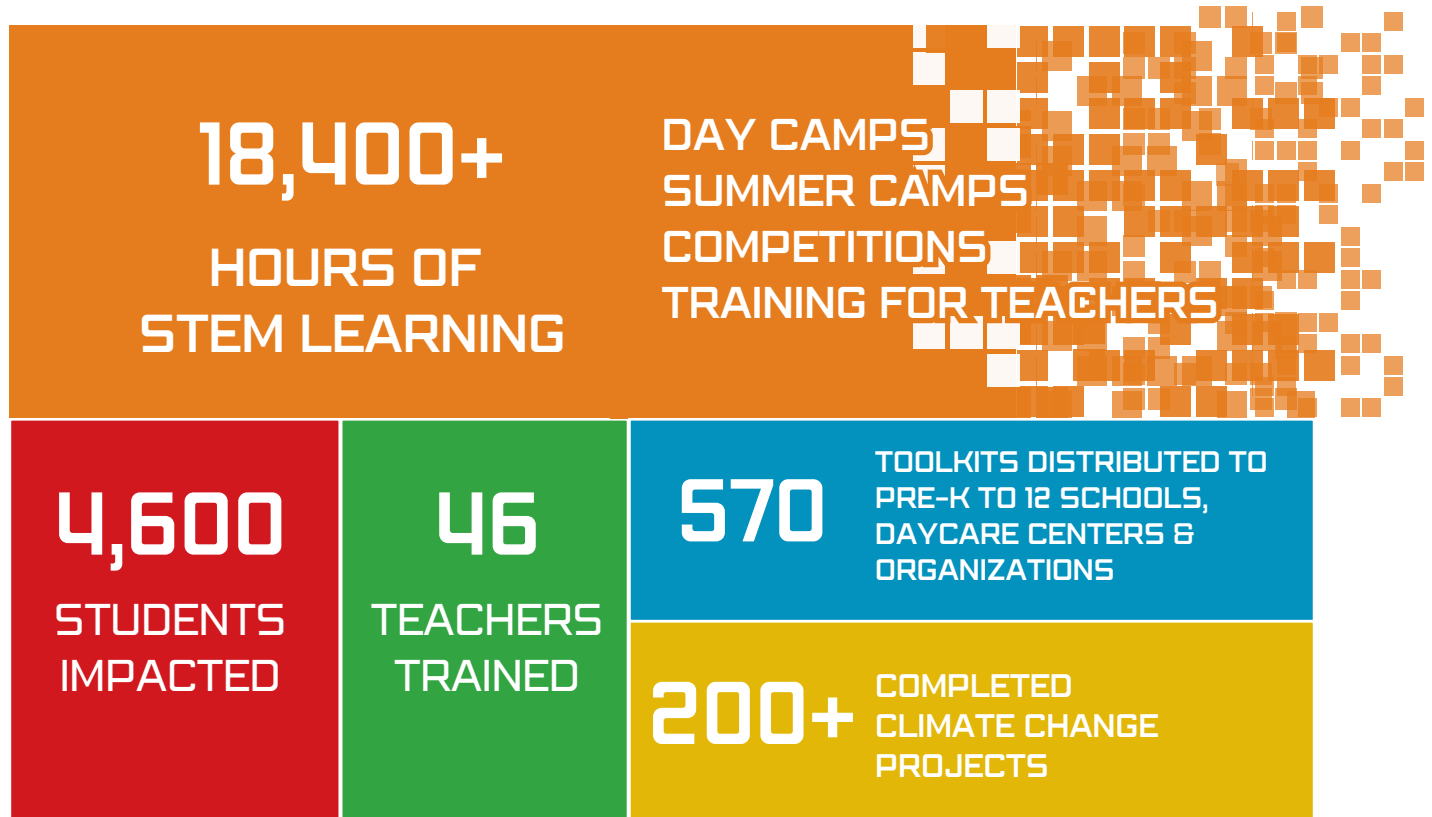
# HOW C-STEM IMPACTS LIVES

## ABOUT C-STEM

Since 2002, Houston-based C-STEM Teacher and Student Support Services has stepped up to be the catalyst in providing equal access to STEM education, both inside and outside the classroom.

We support teachers in delivering project-based learning that ignites curiosity and teaches Communications + STEM (C-STEM) skills to students historically underrepresented in STEM fields, specifically students of color, girls and impoverished students. Our efforts have evolved over the years, shifting toward the greatest areas of need, and often expand to students across the nation and the educators who support them.

## 2024 IMPACT HIGHLIGHTS



# PARTNERSHIP MAKES IT POSSIBLE

This work is too important and too complex to do alone. C-STEM's ability to create unforgettable experiences is the culmination of thousands of touchpoints with progressive partners and sponsors, enthusiastic educators, open-minded school districts, selfless volunteers, knowledgeable mentors, compassionate leaders, and involved parents and supporters.

## CREATING PATHWAYS FOR TEACHERS & STUDENTS

Thanks to the generous support of the **HESS Corporation** and the **Greater Houston Community Foundation**, C-STEM successfully engaged one middle school and seven elementary schools from the Third Ward community in immersive *Pop-up Day Camps* hosted on their respective campuses. These camps were aligned with teaching objectives.



### EMPOWERING FUTURES: C-STEM COMERICA SCHOLARS HONORED

C-STEM presented college scholarships to **five 2024 high school seniors**, thanks to continued generous support from **Comerica Bank**:

**Julisa Berruete**, San Jacinto College, Business

**Julius Berruete**, Stephen F. Austin State University, Mechanical Engineering

**Alondra Hernandez**, Texas A & M, Nursing

**Miranda Ortiz**, San Jacinto College, Nursing

**Cienna Ferguson**, University of Texas at Austin, Computer Science

### YMCA SPONSORS 2024 MISSION MILBY - SUNRISE CENTER SUMMER CAMP



# PROGRAM HIGHLIGHTS (CON'T)

## HANDS-ON ACTIVITIES EMPOWER STUDENTS

The *EmPOWERing Progress* enrichment project completed its second year, impacting more than **100 students** across **five Pre-K - 12 schools** with projects focused on climate change solutions. **The Howmet Aerospace Foundation** funded the two-year program in collaboration with the Houston Independent School District.



Howmet Aerospace Foundation's support also helped C-STEM implement programming for **80 students in the Galveston Independent School District**; build a robotics field used by **19 schools** and **220 students from several schools**; and provide **31 teachers** with curriculum training scholarships.



## STUDENTS ENJOY THE CHALLENGE (DAYS)



The teachers at **Sheldon Independent School District** put their curriculum knowledge to use, bringing teams together for a *C-STEM Challenge Day*. Ten schools competed in the areas of Innovation, Mural, Sculpture and Robotics in a day-long competition across 10 schools, 3rd-12th grade. The **AIA Academy** also held a *Challenge Day* with PreK-8 students in the Robotics, Sea Turtle Sculpture, Mosaic Mural, and Innovation challenges.



# POWERING THE FUTURE

## PARTNERSHIPS DRIVE STEM INNOVATION

C-STEM is proud to collaborate with forward-thinking companies at the forefront of STEM innovation. Their generous contributions enable us to expand and enhance STEM opportunities for the students we serve. Beyond financial support, these industry leaders play a vital role in shaping the next generation of innovators by providing mentorship, real-world insights, and essential STEM representation. Each of these companies and organizations is a trailblazer in its own right, helping to inspire and equip students with the skills they need to thrive in the ever-evolving STEM landscape.



### WE ALSO APPRECIATE PARTNERSHIPS WITH:

Oriska Foundation  
The Davidson Family Foundation

# GRATITUDE FOR OUR DONORS

Every contribution — big or small — plays a vital role in shaping brighter futures for the students we serve. We are incredibly fortunate to have donors who give not only through financial and in-kind support, but also by sharing their time, expertise and passion. This generosity fuels innovation, expands opportunities, and empowers the next generation.

\$10,000+

Howmet Aerospace Foundation  
 Dow Global African Affinity Network (GAAN)  
 Kelly Coleman, M.D.

\$5,000+

Boardwalk Pipelines  
 Education Consulting Services  
 Comerica Bank  
 Oriska Foundation

\$2,500+

Cynthia Coleman	Ahmad Shaheed
Sheldon ISD	Comprehensive Financial Design Group
Parker University	Houston Community College
Angela Klement	The Davidson Family Foundation

\$1000+

Earl Cummings	Andrew Winata	Terry Bruner Law Office
Eileen Lawal	Charles Stein	Primeway Credit Union
Sharon Murphy	San Jacinto College	Greater Houston Frontiers Club, Inc.
Elwood Fortune	Frost Bank	

\$250+

Huckabee	Tandelyn Weaver	Brenda Peters
Grady Prestage	Tiffany Broussard	Dannette Davis
Jeff & Kethia Webber	Cloth and Cord	Susan Bynam
Fheryl Prestage	Carolyn Pettes	Ruthie Lee Esene
Karen Lowe	Desiree Passmore	Rodney Richardson
Byron Riley	Tanya Easter	Sean Jamieson
Elizabeth Stemac	Kyra Hardwick	Toni Crawford
Khalis Rashaad	Robbyn Pope	Brandi Harleaux
Vanessa Reed	Kimberly Sims, MD	Renee' Logans
Tejuana Edmond	Oluwafunmito Seton	Kimberly Williams
April LaSalle	Albert Price	
Duni Hebron	Miles Insurance Agency	



# THE C-STEM TEAM LEADING IMPACT

## THE HEART OF C-STEM: OUR TEAM



**Montrey Pertile**  
Operations Director



**Tiffany Simon**  
Program Director



**Liz Perry**  
Editor



**Jahlyn Sommerville**  
Intern

## EXECUTIVE BOARD MEMBERS



**Earl Cummings**  
*Chairman Emeritus*  
The BTS Team



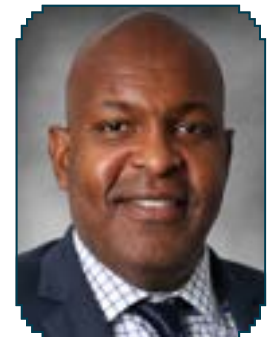
**Ahmad Shaheed**  
*Chairman*  
Boardwalk Pipelines



**Dr. Reagan Flowers**  
*Treasurer*  
ECS, LLC



**Ellana Turner Kone**  
*Director*  
Cloth & Cord



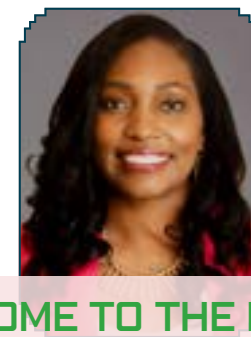
**Dr. Joseph Seabrooks**  
*Director*  
Dallas College

## Advisory Board

Joi Beasley  
Zawadi Bryant  
Bobby Bryant  
Lucy Bremond  
Dr. Kelly Coleman  
LaQuita Cyprian  
Laolu Davies Yemitan  
Ruthie Esene  
Renee Logans  
Dr. Frazier Wilson  
Syalisa Winata  
Charles Samuel  
Miloni Shah (C-STEM Alum)  
Dr. Martina Ogonna  
Dr. Letitia Franklin Ozoude



**Seun Harris**  
*Director*  
Chevron



**Kim Sullivan**  
*Director*  
Proofpoint



**Beliota Parquet Hawkins**  
*Director*  
Shell USA retiree

**WELCOME TO THE BOARD!**

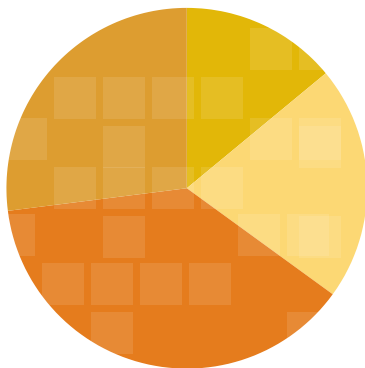
# FINANCIAL DATA

C-STEM remains committed to delivering impactful programs that equip students and educators with essential skills in communication, science, technology, engineering, and mathematics. Thanks to the generosity of our community, we **generated \$204,614.35 in operating revenue** this past year.

However, our total **expenses reached \$256,244.20**, reflecting the true cost of providing high-quality programs, resources, and support to the schools and students we serve. While we have worked diligently to manage costs efficiently, **this shortfall highlights the growing need for additional funding to sustain and expand our impact.**

With your continued support, we can close this gap, reach more students, and ensure that every learner has access to the opportunities they deserve. Together, we are building a brighter future in C-STEM education.

## REVENUE

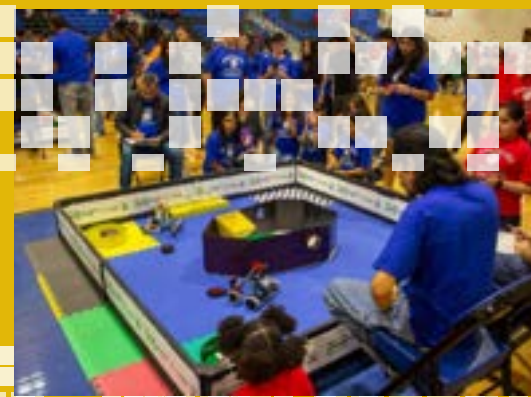
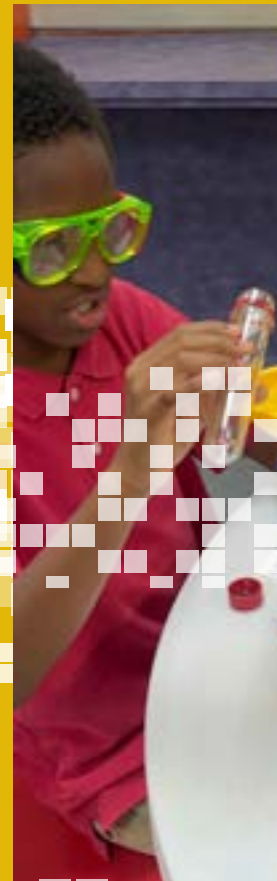


- Unrestricted Support (38%)
- Individual Contributors (27%)
- Program Fees (21%)
- Business/Grants (14%)

## EXPENSES



- General/Administrative (54%)
- Support Services (19%)
- Program Services (15%)
- Fundraising (12%)



# WAYS TO GET INVOLVED

Join us as we leverage microlearning to  
turn pixels into possibilities!

- Sponsor training for teachers and student toolkits.
- Sponsor a C-STEM after-school or ancillary instructor.
- **Co-Sponsor the C-STEM electric van.**
- Become a C-STEM Executive or Advisory Board Member.
- Share our posts on social media.



Follow Us & Stay Connected.



**C-STEM™**

3226 Alabama Street, Houston, TX 77004 | (713) 443-4521 | [info@cstem.org](mailto:info@cstem.org)