MISSION

To inspire the next generation of innovators and thought leaders by engaging them in exciting hands-on projects solving real world problems to encourage entry into the talent pipeline, bolster self-confidence, and foster a well-rounded mastery of the areas of communication, science, technology, engineering, and mathematics.

ELAINE V. CHEN
DIRECTOR OF OPERATIONS

VALERIE EVERETT
PROGRAM COORDINATOR

KIERHA BAKER
TRANSITION TEAM LEAD
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Thanks to your generous support we had an amazing 2016. When we set our strategic priorities, the development of talented STEM leaders remained front and center in response to the growing demand for STEM leaders in the United States. Friends, you can count on C-STEM to continue this work because nationally, the needle has not moved in any substantial manner when it comes to minority (African American and Hispanic) and female representation in STEM fields. Education and exposure are critically important to gaining access to STEM jobs and pursuing entrepreneur dreams.

STEM is the economic opportunity space that can make life better!

As we move forward, we ask that you continue to help us further advance the STEM content knowledge of teachers and students, expose students to real-world application of STEM subjects, expand our footprint to reach more and do more, be a voice for the underserved and underrepresented, keep up with technological advancements, and remain a STEM catalyst for change.

Friends, you have supported us for sixteen years and we cannot thank you enough for your commitment to C-STEM. Together, we will continue to bring about the change we want to see in the world!

Yours in the Journey of Education,

Dr. Reagan Flowers
President and CEO

"THE STEM GAP IS ONE OF THE CLEAREST MEASURES OF THE NATION’S OPPORTUNITY GAP."

-LINDA ROSEN, CHANGE THE EQUATION (AUGUST 2016)
My Fellow Villagers,

These pages are a reflection of the work, dedication, sweat equity, and financial support of a village of individuals committed to cultivating the creative minds of our future leaders. Every look of concentration or unmitigated joy on the faces of the C-STEM students within these pages was brought about by everyday efforts of everyday people. As Board Chairman, I want to thank all of you for using C-STEM as your vehicle to create game-changing opportunities for our most precious resource – the students.

If this is your initial introduction to C-STEM, please allow me the honor to share with you a few key points:

1. For more than 16 years, C-STEM has been at the helm of creating, developing, and implementing hands-on STEM learning activities that have produced the spark to spur more than 500,000 kids to believe that a career in STEM was possible.
2. C-STEM is multifaceted – working tirelessly to empower students through engaging activities, training teachers to better translate and transmit today’s scientific and technological advances, and helping to develop policies to promote STEM learning at all levels of government.
3. Our CEO, Dr. Reagan Flowers, is a force of nature. Dr. Flowers has been recognized by the President of the United States of America and her peers within education as a leader in STEM. Her passion in helping our youth bridge the technological divide and find confidence in pursuing STEM careers and in themselves, is completely infectious.

Whether this is your introduction or if you are a lifelong C-STEM partner, please take the time to enjoy the success we have made in 2016. I also implore you to continue to be an active part of C-STEM’s success because there are still far too many children in the world who need the C-STEM spark, so that they can see a brighter future for themselves.

Sincerely,

Ahmad Shaheed

Ahmad Shaheed,
C-STEM Board Chairman
"When I am at CSTEM I feel happy. I am happy about it because it is fun to hang out with my friends after school. It is cool talking about the different animals we can make our robots into."

- Aadyn Bellomy, CSTEM Challenge Elementary Student Participant
“C-STEM has opened my eyes to so many new things. Things I never imagined taking interest in.”

- NaShawn Browning, C-STEM Alum
2002-2016 CSTEM CHALLENGE PARTICIPANTS
2,564 teachers trained + 427 PRE K to 12th Grade teams + More than 256,400 students = an incredible community impact on teacher and student achievement

2016 DATA POINTS

35 Pre K-12TH GRADE SCHOOLS NATIONALLY

APPROXIMATELY 98,000 ADDITIONAL HOURS OF FOCUS ON C-STEM LEARNING

APPROXIMATELY 484 TEACHERS TRAINED

APPROXIMATELY 48,400 PRE K-12TH GRADE STUDENTS

STUDENT DEMOGRAPHICS

- Females (63.10%)
- Males (36.90%)

SCHOOL LEVEL PARTICIPATION

- Elementary (35%)
- Middle (24%)
- High (40%)

PARTICIPATION BY ETHNICITY

- African American & Hispanic (95%)
- Other: White, Asian, Am... (5%)
GROWING OUR FOOTPRINT

4,379 FOLLOWERS
210,000 IMPRESSIONS

56,417 LIKES
80,846 IMPRESSIONS

MEDIA: AUDIENCE OVER 1 MILLION

FOX 26 HOUSTON
FOX 2 DETROIT
STYLE MAGAZINE
97.9 THE BOX
ABC 13
HOU DEFENDER
FORWARD TIMES
ALC Daily

CSTEM.ORG
2,036 USERS
10,087 PAGEVIEWS
66.1% NEW VISITORS
33.9% RETURNING VISITORS

CSTEM BREAK SOCIAL NETWORK
19,577 PAGEVIEWS
1,288 USERS
1,054 BLOGPOSTS
6,648 SHARED PHOTOS
256 SHARED VIDEOS
42 GROUPS
2,890 MEMBERS
41.4% NEW VISITORS
58.6% RETURNING VISITORS
STEMcast Podcast
Because You Can

Global Footprint
3,311 Downloads

Designed to Inspire and Advance STEM Perspectives

STEM + ART + Communications Professional

Featured STEMcast Podcast Guests

Robert Batton
Krista Bourne
Jami Valentine
Scott Bembenek
Justin Garcia
Jacqueline Cofield
Jade Cowan
Dr. Monique Wells
Hanh Tran
Dr. Barbara Sturm
Makeda Ricketts
10 STUDENTS:
- ENERGY INSTITUTE HIGH SCHOOL
- KLEIN COLLINS HIGH SCHOOL
- LAMAR HIGH SCHOOL
- YES HIGH SCHOOL
- THE ROEPER SCHOOL
- WESTSIDE HIGH SCHOOL

- (5) DAY STEM PUBLIC POLICY ADVOCACY IN WASHINGTON, DC
- (1) PUBLISHED WHITE PAPER
- WHITE HOUSE BRIEFING
- U.S. HOUSING AND URBAN DEVELOPMENT DEPARTMENT BRIEFING
- OVER 600 COMMUNITY SERVICE HOURS
- 500 BACK TO SCHOOL C-STEM BAGS DISTRIBUTED
Thanks to Comerica Bank, C-STEM was able to award scholarships to students attending the following universities:

University of Wisconsin-Milwaukee
University of Detroit-Mercy
University of Houston Downtown
University of Queensland Medical School in Australia

INTERNS

The internship program continues to provide real-world work experiences for talented college and university students. The 2016 C-STEM interns lent their experiences in the following areas: Public Relations, Graphic Design, Public Administration, Sales and Marketing, Engineering, Accounting, Communications, Research and Technical Writing, Information Technology, Project Management.

ANTHONY TAO
MAXWELTOLAN
SYDNEY LEFLORE MURPHY
SIMBERLY RODRIGUEZ
BRENDA LARA
AMANDA PINCHBECH
ALONZO FLORES
STEVEN WASHINGTON
LUC TO
THE SERIES OF OPEN HOUSES ALLOWED FOR SCHOOLS, BUSINESSES, AND COMMUNITY MEMBERS TO COME TOGETHER TO DISCUSS STEM OPPORTUNITIES, ENGAGE WITH ONE ANOTHER, AND TO EXPLORE THE OPERATIONS OF C-STEM.
EXECUTIVE BOARD

Earl Cummings  
Chairman Emeritus

Ahmad Shaheed  
Chairman

Ruthie Esene  
Vice Chairman

Shomari Williams  
Secretary

Dr. Reagan Flowers  
President

Michael Aldridge  
Director

Tony Canales  
Director

Dr. Robert Satcher  
Director

ADVISORY BOARD

JOI BEASLEY  
LUCY BREMOND  
ZAWADI BRYANT  
BOBBY BRYANT  
LAQUITA CYPRIAN-PASSMORE  
GAYLE FALLON  
MICHAEL HARRIS  
ANTOINETTE ‘TONI’ JACKSON

RENEE LOGANS  
DAVID MEDINA  
SCOTT MINNIX  
DR. SANDRA SALDANA ORTEGA  
SUSAN TAYLOR  
LAOLU DAVIES YEKITIA  
SYALISA WINATA  
DR. FRAZIER WILSON
Corporate & Foundation Champions!

Non-Profit Partner Champions!
DONORS

≤ $10,000
Andrew & Syalisa Winata

≤ $5,000
Sidley Austin, LLP
Deloitte
FMC Technologies
Gaume Process
Nancy Tootle
State Farm Mutual Automobile Insurance Company
Vinson & Elkins

≤ $3,000
Aspect Enterprise Solutions
Baker Botts
Baker Donelson
Liskow & Lewis
Southwestern Energy
Technip
Jeannie Gardner

≤ $2,000
CAMAC Foundation
Earl Cummings
Education Consulting Services, LLC
ELSO, Inc.
Laclu Davies Yemitan & Dr. Reagan Flowers
Ahmad Shaheed
Kelly Coleman M.D.

≤ $1,000
GE
Cgletree, Deakins, Nash, Smoak & Stewart, P.C.
Tomira Eason
Laurie Argo
Deanna and Joe Gathe
David Jones
Ed J. Hamb
Jeannine Brew
Michael Aldridge
Richard Weekley
Robert Satcher
Roxann Thomas Chargois
Syilisa Winata
Toni and Geoffrey Crawford
William M. Lacroix
Zawadi Bryant

≤ $500
Cornelius Consulting
Derrick Mitchell
Mike Ogebor
Tracy LeRoy
E.L. Barrington Ph.D.
Joshua Sanders

≤ $300
Renee Logans
Thuy Tran
Valerie Stubblefield
Anonymous Shell Employees
At Shredding, Inc.
Laquita Cyprian-Passmore
Lianne Lami
Srivist HRC
Andre Humphery Photography
Joseph Jackson

≤ $200
E. Anna Ha
Eugene Elrod
Irving Rotter
Kenneth Anderson
Kenneth Irwin
Mark Metts
Robert Stephens
Cherie Jones
Lucy Bremond
Mark Thierry
Otto O. Meyers III
Ron & Wanda Williams
Roy Perry
Ruby Andrews
Smalls Enterprises, Inc.
Janice Arceaux
Melissa Morales
Sonja Gonzales

≤ $100
Terry Bruner
Tim Tolan M.D.
Tishangi Bennett
Trisha Dianne Frederick
Yolanda Green
Alosha Odufayo
Daniella Landers
Frances Dyess
Hilton Lasalle
Jeanette Wright
Kenya Theus
Pamela Ulmer
Phyllis Lee
Tristen Sutton
Ye Tao
Joi Beasley
Vincent L. Sanders
Eric Marin
Jervon Harris
Valerie Stubblefield
Bobby Brown
Virginia Rangel
Chrysalis Rivers
Derek Robinson
Gayle Fallon
Lonnie Mathews
Michelle Ngome
Roger Watkins
Malcolm Wells
Roger Mcdonald
'CSTEM is an amazing program that creates hands-on learning opportunities to inspire a passion for STEM career fields in our youth, train our teachers on innovative STEM instructional methodologies, and provides a social network for disseminating information about all things STEM.'

- Ahmad Shaheed, Board Member, Engineer
"Donate to C-STEM, get involved, it's something that is vital to our students’ future and to our country’s future."

- Dr. Robert Satcher, Board Member, NASA Astronaut, Engineer, & Doctor
FINANCIALS

2016 Contributions

- Individual Contributions: 10%
- Business/Grant Contributions: 24%
- Other: 66%
- In-kind Contributions: 62%
- Fee for Service: 4%

2016 EXPENDITURES

- Fundraising and Marketing Expenses
- Administrative Expenses
- Program Expenses

2016 vs. 2015
“It takes a committed culture of innovation—one that empowers people to use their imagination to shape a better future.”
- Marilyn Hewson, Lockheed Martin

LIKE AND FOLLOW US ON:
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INSTALL OUR C-STEM CHALLENGE APP TODAY!

The STEMcast Podcast is hosted by Dr. Reagan Flowers and is designed to inspire and advance STEM perspectives. Listen in on iTunes, Stitcher, and iHeart Radio!

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