

# CAC NEWS



Children & Charity International Newsletter

2018 - 2019

## 'STEAM'Y SUMMERS

During summers 2018 and 2019, two hundred, seventy (270) District youth, 6-21 years old, joined Children & Charity International (CAC) at five worksites for 6-weeks of work-readiness experience. Youth participated in a variety of enrichment activities exploring science, technology, engineering, arts, and math (STEAM). Engagements included tutoring; peer mentoring; work-readiness and leadership training; Life Skills; financial literacy; drug awareness and prevention; and cosmetology techniques. Primary students, K-8, enjoyed math, science, technology, reading, and creative arts. Throughout the period June to August:

—Youth explored and were challenged in STEM projects by junior engineers, and computer scientists from the University of Maryland College Park, Carnegie Mellon, Montgomery College, Hope College, and NASA Swarmathon student instructors from University of the District of Columbia.

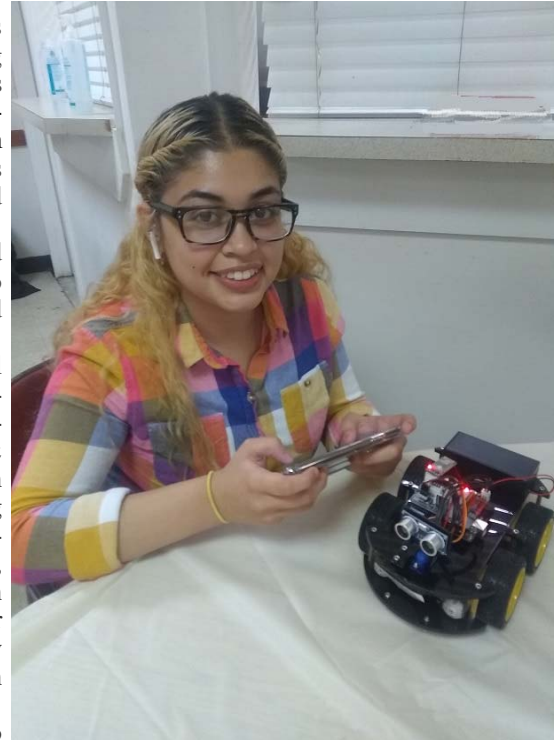
—Youth built and programmed robotic cars and competed with each other to see which car was faster. Math groups created apps that provided —

measurements of structures, for solving mathematical problems using algorithms. Engineering and computer science groups learned Python coding, and created functional programs from scratch. They programmed cars that could operate using smart phones.

—Youth innovatively and creatively used craft sticks to build bridges, and houses; and tested them for durability.

—Youth received Financial Literacy and Money Management tips from the D.C. Department of Insurance Securities & Banking—Bank On DC. Youth gained a better understanding about budgeting, setting up accounts and saving with banks, credit unions, and others. Youth appreciated being able to decipher credit and debit cards and know the impact credit scores have on one's ability to get loans.

—Youth discovered ways to improve Career and Life Success by building self-esteem; resolving conflict; planning career paths, and



**Youth building, programming, and testing robotic cars.**

Continued on page 2

### Inside Scoop

2. STEAM'Y Summers Cont'd.

3. A Note from the Director; Awards; YR Opportunities.

4. Science at its Best; Ongoing Humanitarian and Relief Efforts; Contact.



**Structures**



**We really need to focus here!**



*“Our experience in this program was truly unique. Working together in groups, seeing positive outcomes, and doing projects that actually worked while having fun were phenomenal. Thank you Children & Charity International for all your hard work and dedication to helping youth grow up with better opportunities throughout the generations.”*

— SYEP Youth



—Youth delved into Creative Science by studying, discussing, and diagraming various body parts. They also researched the effects food had on key body systems.

—Youth received Advancing Youth Development (AYD) Training from experienced youth practitioners located in the Center for 4H & Youth Development at CAUSES, University of the District of Columbia. Participants gained a better understanding of youth development, and best practices to help youth garner successful outcomes.

—Youth learned new arts and craft, and culinary techniques during work-readiness and skills training segments. Youth willingly challenged

themselves to bake pastries or cook a meal to share with classmates. Others carefully honed life skills by knitting hats, creating vision boards, learning cosmetology skills, and making floral decorations.

Practical experiences and fun were discovered through field trips.

—Youth visited nearby libraries, met authors that read some of their published works, and shared opportunities for youth to explore and participate in civic and cultural activities.

—Youth visited the African American Civil War Museum; Mary McLeod Bethune Council House; Sumner Museum; and the National Geographic Museum to explore a variety of historical exhibits.

—Youth visited the Maryland Science Center. They enjoyed interactive and hands-on exhibits. They participated in live science shows and pop up science activities where they got to use their own knowledge to predict outcomes. They enjoyed going to the Davis Planetarium and seeing One World One Sky: Big Bird's Adventure which follows Sesame Street's Big Bird and Elmo as they explore the night sky with Hu Hu Zhu, a Muppet from China. Together, they take an imaginary trip from Sesame Street to the moon, where they discover how different it is from Earth.



**Youth participants attend an Advancing Youth Development (AYD) Workshop.**

**At right youth Chef “Boy-A-Keith” center, poses with 2 assistants after baking savory pastries.**



**Pastries Anyone?**

## SPOTLIGHT

**Alexander Billups  
USSYP Delegate  
and Scholarship  
Winner**



**Molding  
Thinkers  
Innovators  
And  
Builders  
For A  
Brighter  
Tomorrow**



## A Note from the Director

Education empowers individuals to find solutions, improving not only themselves but lives around them. During 2018-2019 CAC Year-Round Tutoring and Homework Help; Out of School Time Academic Enrichment; Mentorship; Summer STEM; and Work Readiness and Skills Training Programs, impacted over 1,400 K-12 youth and their families in the Greater Washington DC Area; 1250 families in Haiti and the Caribbean; and 1600 families in 5 African countries. We plan to continue our efforts.

## Awards, Honors, and Accomplishments

**Alexander Billups** a participant of CAC 2018 Summer STEM and Skills program, and a student of Gonzaga College High School, was selected as a Delegate to the United States Senate Youth Program (USSYP), The program was held March 2–9, 2019 in Washington, DC. For his service Mr. Billups received a \$10,000 college scholarship.

**13 youth** received the Mayor's Outstanding Youth Awards

**10 youth** received the Mayor's Opportunity Scholarship valued \$2,000 each.

**45 youth** received 300 hours of job-training and apprenticeships

**Collectively, youth** received 51,600 academic support hours

**Collectively youth** gained 12,200 service-learning hours

CAC Awarded **MBSYEP Letter of Appreciation** for hosting summer youth..

## Year-Round Opportunities

Three hundred, sixty (360) K-8 students received homework help, and enrichment and tutoring in mathematics, reading, science, and technology. They practiced math and reading drills using IXL, Scripps, and Nettekker software. By participating in Spelling Bee Competitions youth highlighted their capabilities and potential that with a little effort could achieve great success. Students were socially engaged through sports, music, art, dance, and drama.



# SCIENCE AT ITS BEST



Do you remember those days of science projects and Fairs? Here, a young Explorer showcases his creativity and hypothesis at an Elementary School's Science Fair Competition.

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Children & Charity International (CAC) is a USA registered 501(c)(3) non-profit organization. All donations are tax deductible.

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## Ongoing Humanitarian and Relief Efforts



Children & Charity International continues its humanitarian mission and disaster relief efforts. We support people affected by earthquakes and hurricanes with supplies and support. We have assisted during Hurricane Katrina 2005, Ike 2008, Sandy 2012, Harvey 2017, and Dorian 2019. Today we continue medical mission trips to Haiti to provide free clinics for children and elderly people that cannot afford to pay for treatment.

CAC also supports the Take Heart Association Project (THAP) in Kenya that provides pre-op and post-op care for patients suffering from heart diseases in Kenya; and continues its quest to motivate children and youth to attend school by hosting special education projects in Haiti, Ghana, Liberia, Nigeria, and Sierra Leone.

Lend your professional skills and expertise as lecturers/trainers in the US or join us on a mission trip. Visit the website for upcoming trips.

**All size tax-deductible Donations are welcomed!**