



UPWARD BOUND MATH & SCIENCE SIUE

Preparing students for the future

June — August 2016

Upward Bound Math and Science Newsletter

Inside this issue:

Friday Workshops	1
Manufacturing and Craft Day	2
Take on Kentucky	2
Meet the Staff	3
Announcements	3
Birthdays	3
Contact Us	4

WELCOME!

SUMMER CLASSES

Summertime is a time for fun, but it is also important not to let the lessons of the school year fall by the wayside. Here at Upward Bound Math and Science, we want to make sure that our students are always challenged. So we spend the summer enriching their knowledge in the fields of math, science, English and French and robotics. In addition to their regular school year classes, UBMS summer classes add on to our students' knowledge base and keeps them sharp for their return to the classroom.



UBMS students listening to a lecture on the SIUE campus.

FRIDAY WORKSHOPS

At Upward Bound Math and Science we pride ourselves on brining the activities of the community to our students so that they can understand what careers and opportunities are available to them as they reach for the stars. This summer's workshops focused on healthy eating and nutrition.

Different programs from around the city sent representatives to the UBMS campus to talk with our students and show them how rewarding certain careers can be. On Friday, July 8th, the SIUE Pharmacy School came to give a presentation about the pharmacy program. Also, because our students are active in the community as well as in the workforce, Operation Food Search gave a presentation so that students wouldn't forget the importance of giving back.

On Friday, July 15th as part of Career Development Day, UBMS students attended the SIUE Career Development Center: Reality Store ,where they got to taste the real world. Students were asked to spin a wheel to see what SIUE major they would get. After that, students threw a bean bag to see if they were considered to be either a high school or college dropout, or a high school or college graduate and receiving their bachelor's , master's or doctorate's degree. Lastly, students were given fake money based on the national average for their level of education or lack thereof. Students learned about how education can shape your future and how it is

important to keep moving forward and to follow-through on your endeavors.

On July 22, Lyric Pryor of Pryor Technologies hosted a workshop on the growing field of Nutrition and Science Technology . Students were given a look into this field and participated in activities to familiarize themselves with it. We hope our students will look into many fields in order to find the careers that speak to their future endeavors.



D'Arthur Singleton lines up to take a spin the real of reality during a Friday Workshop. Photo Credit :SIUE.edu /news

MANUFACTURING AND CRAFT DAY

Summer is always a busy time for our Upward Bound Math & Science students, and this summer was no exception! Upward Bound students studied across multiple subject areas including: Algebra/Geometry, Science, and English. This year

the students paid special attention toward getting ready for career fields and participating in training and networking events.

On July 18, representatives came to the SIUE East Saint Louis Center to give our students from UBMS an interactive introduction to jobs in the manufacturing field. There were

chances to network with manufacturing giants, a special reading and a booth with a hands-on projects that students could work on. Rounding out the day were guest speakers Colonel Terrance A. Adams, Commander of Scott Air Force Base's 375th Communications Group and Mark Kern, board chairman of St. Clair County.



Summer Trip: UBMS Takes on Kentucky

Our Math and Science students are always out and about, and this summer a trip to Kentucky added to our travel expertise.

Math and Science Students headed off to Louisville, Kentucky by charter bus early in the morning hours of August 1st. We set our watches forward and arrived in Louisville, Kentucky by early afternoon. In addition to lunch, students also sailed along on the Ohio River in the *Spirit of Jefferson*.

From there, our first destination was the Louisville Slugger Museum and Factory where some of the country's best baseball bats are made. Students toured the factory and Hall of Fame where great baseball legends were immortalized through pictures of their trusty Louisville Slugger bats. Although a storm derailed us that evening, all students were safe and sound in the hotel by 8:30 p.m.

Our number one goal at UBMS is to get our students ready for college! Not only is it important to make sure that our students are ready and can compete academically, it is also important that student's get exposure to the variety of colleges and universities that are out there. So, the next morning, we were off to Kentucky State University (KSU) for a campus tour. Students



learned the history of KSU and its role as a historically Black College (HBC). From there, we visited the Kentucky Derby Museum where students got a chance to play dress-up and pretend they were off to the Derby as well as learn the long standing history of the Derby and its role in the development of Louisville KY.

During the trip, we also stopped by the Muhammad Ali Center — a museum and cultural center dedicated to the famous boxer and his principles of allowing everyone to be their best selves.

We went on to have more fun, musical fun that is, at the famous blues-themed Hard rock Café. This was followed by a Historic Night Tour which students spent visiting some of the most famous landmarks around the historic gas lit streets of Old Louisville. Students were even visited by former "spirits" that have left their marks on one of the revered "most haunted cities in America"

Our next full day of the trip was spent enjoying our time at King's Island Amusement Park in Mason Ohio. King's Island is a 364

-acre park with rides, a waterpark, race-carts and home to the largest animatronic dinosaur exhibit in the world. As an extension to our robotics curriculum students got to roam through the largest of its kind animatronic theme park. This attracted us at UBMS because its one more way our students were able to see real world examples of how robots and programing is applied in the real world.

Students wrapped up the final leg of our trip



UBMS Students enjoying a laugh on Spirit of Jefferson Lunch Cruise

by stepping into another Cardinal-Nation! The University of Louisville Kentucky hosted us in our final campus tour of the summer. Students attended a Q&A session with the admissions department as well as had a surprise visit from a past ULK homecoming queen that just so happened to be a cousin to our very own Kelsey Simmons! We could not think of a better way to end our trip. Students were able to network with admission counselors as well as get many questions answered about scholarship opportunities and expedited professional programs

Our summer trip was packed full of opportunities, times to shine and if we must say, a lot more POKEMON than we had anticipated! ☺



Pictured top center: Kennedy Bishop, Ti Aja Fairlee, Aaron Wallace, Dedrick Peeler & Kenyatez Gailles, posing with a wax figure Jackie Robinson.
Pictured Left: Kelsey Simmons smiling with her cousin, former ULK Homecoming Queen



The group stops for a picture while on tour at Kentucky State University.

ANNOUNCEMENTS



Counselor's Notes

Take note that it is important to continue to research colleges in your sophomore year. It's never too early to network or visit colleges and speak to admissions officers. Also be aware

that in 2016, FASFA regulations have changed, so be sure to keep up with what is needed Be active in your preparations for college!

—Ms. Lara

Upward Bound Math & Science Summer Staff

Elke Harris -McIntosh: Program Director

Candi Johnson: Stem Coordinator

Lara Jennings: Program Counselor

Septembre Williams: Resident Hall Supervisor

Andrea Wigfall: Resident Hall Counselor

Clarence Sumlin: Resident Hall Counselor

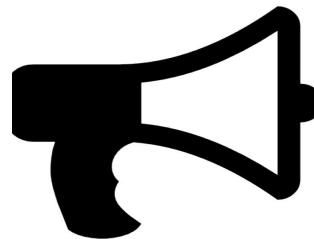
Curtis Lewis: Resident Hall Counselor

Joy Johnson: Day Monitor

Qualin Redd-Day Monitor



We would like to welcome Nicholas Milton Johnson to the UBMS family!! After 22 hours of labor Mrs. Candi Johnson and her husband, Matt, had "Nico" on September 10, 2016. Measuring at 8 lbs and 8 oz, and 21 inches long, he and his mother are doing great!



Did you know ?

East Saint Louis History Fact

UBMS is part of the East Saint Louis community and, as such, we should know about some of the people from the community who did great things for the country.

Dr. Barbara Ann Teer ,an East Saint Louis native, was born in the summer of 1937. She graduated from Lincoln High School and after earning her degree at the University of Illinois Urbana-Champaign , she travelled the world to study dance. She later went on to found Harlem's National Black Theatre in 1968. She remained an activist for the arts until her death in 2008.



Shout out to all our Summer Birthdays!!

Eyja, Wilisa, Stepheny, Damien, Jermaine, LaKindra, Jackie, Dasha, Raven , Dawnelle, Chanae, Kenyatzez, Tiana, Davontay, Darielle, Shayla, and Dasia

*Happy
Birthday!*



Upward Bound Math and Science

Special Thanks To:

Lara Jennings , for taking the time to carefully plan our Kentucky trip. We never would've have had such fun without your help!

Louisville Tourism Center
University of Louisville Kentucky
Churchill Downs
King's Island
Muhammad Ali Center
Louisville Slugger Museum & Factory
Kentucky State University

Acknowledgments

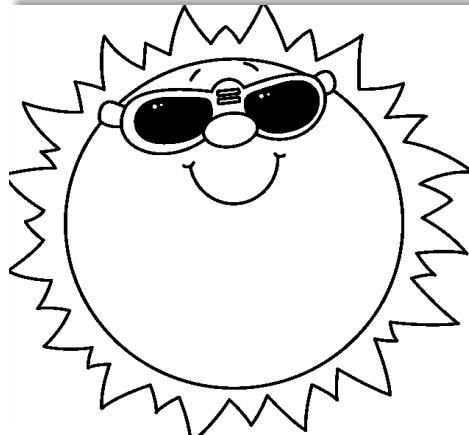
We would like to say thanks to all the stakeholders, students, parents and mentors who have worked with us over the years. Thank you for your time, energy and contributions. We appreciate you!

Contact us

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**Find us on Facebook: Search SIUE UBMS
Cohort 2016 Official**



Open Recruitment

Know a friend who **LOVES** Math & Science, in the 9th grade who would be a good fit for UBMS?

Tell them to apply **NOW**
We have just a few spots left

Important Upcoming Dates

Sept 10th- "Eyes Above the Horizon"

Nov 15th- Crafts/Manufacturing Day

**Saturday Session
Meeting Dates**

Oct. 8th & 22nd
November 12th
December 10th
January 14th & 28th
February 11th & 25th
March 11th & 25th
April 8th & 22nd
May 13th