



UPWARD BOUND MATH & SCIENCE



Preparing students for the future

June — August 2015

Upward Bound Math and Science Newsletter

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UPCOMING Fall EVENTS:

- 9th Grade Orientation
- Lassi 9th Grade Testing
- Robotics Workshop
- SIU Dental School Tour



UBMS Summer Academy

Wow! Let us just say, we had a great start with welcoming our 2019 Upward Bound Math & Science Cohort! Our summer kicked off fast as our 9th Grade Scholars started their first Summer Component experience on June 22nd!

Summer is always a busy time for our Math & Science students. Starting in the 9th grade our students commute to SIUE's main campus in Edwardsville, IL to participate in a rigorous 6-week residential summer component. Students will continue to meet each summer throughout their high school career.

Our Summer Components are kept very busy with our challenging curriculum, workshops and trips...and this summer was no different! Upward Bound students studied across multiple subject areas including: Algebra/Geometry, Zoology, Ecology/Lab, English,



Students waiting to pet the stingrays at the St. Louis Zoo. Pictured Back Row (Left to Right): Aaron Wallace, Aaron Thomas & Ti'Aja Fairlee; Front Row: Talaizah Adkins & Pierra Barbee

Videography and Foreign Language. This year the student's stayed focused on biology and even got to perform a frog dissection!

UBMS was also excited to offer for the first time a Videography instructional class. With our ever changing world, technology is found at the heart of it. Throughout the 6 weeks our students began working on creating their very own documentaries. Students were responsible for their own planning, editing, filming and audio. In addition to classes student's were engaged in social and cultural workshops. The purpose of our workshops is to provide experience that will develop our students into a well versed individual. Our workshops included: a college tour at SIUE talking to admissions and the Career Development Center, a day trip to the St. Louis Zoo and Anthropology Day where students learned the antiquity from within their local community Cahokia/East St. Louis and hands on experience in an Anthropology Lab.



Picture: Sharlena Owens and Radricka Olden work in pairs during their frog dissection.

SUMMER FUN

While classes did keep our students busy; our students are always staying busy with planning and organizing extra events and activities. Student's planned, organized and executed their own talent show and performed it for staff, students and parents. From start to finish the student's hosted, performed and judged this amazing performance.

On July 23rd Student's also hosted a viewing for their documentaries at our own Film Festival for parents, students and staff.



Pictured Left to Right: Kayla Dawson, Dasha Darty & Shenaiya Harris

UBMS Takes on Atlanta

Math and Science Students headed off for Atlanta Georgia by Charter bus during the late hours of July 26th. We arrived in Atlanta Georgia by early afternoon after only stopping for a quick breakfast.

After meeting up with our Lance, our tour guide we quickly realized that this was going to be an action packed

trip! Our first destination was the Georgia Aquarium located in downtown Atlanta. The aquarium is home to several ocean species from sea otters, albino alligators, beluga whales, dolphins and their famous whale shark! We even got to see the dolphin's perform in their daily show!

After the aquarium it



The group all together at Georgia Institute of Technology before we dis-

was only a short walk through the famous downtown Atlanta Centennial Park until we reached our next destination, CNN Headquarters. Student's went on a behind the scene CNN tour and had an opportunity to see the different newsrooms and ask questions about equipment and all the "crews" it takes to create what we see on our television.

All our other time was divided by sightseeing, entertainment, college visits and finding local/famous food places such as: Coca Cola World, Hard Rock Café, MLK Memorial and Museum, Fernbank Natural History Museum, Ebenezer Church, Midevil Times Theater Dinner, Mary Macs Tea



Student's posing in front of Stone Mountain at Stone Mountain Park in Georgia. Pictured Left to Right: Ti'Aja Fairlee, Dedrick Peeler, Aaron Wallace & Aniyah Silas



College Tours

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. This is why college tours will also be a primary focus throughout the UBMS experience.

Through exposure to the different colleges, students have a chance to experience characteristics they like and do not like about schools. Also, they gain experience asking the questions that will be important to ask when it comes time to choose a school of their own. They will also learn how different schools specialize or emphasize certain disciplines such as a school of engineering or the school of liberal arts. They can also see what schools can offer such as student housing, resources, financial aid and facilities.



That is why we kicked off the program by visiting 5 colleges/universities this summer! Our first College experience was with SIUE while staying on campus. Student's had their first experience speaking with admission counselors and touring the campus. Student's also had an opportunity to speak with the Career Development Center and listened to a presentation on Developing their professional image.

During our Atlanta Trip we visited Georgia Tech, Georgia State University, Spelman College and Morehouse College (along with other honorable mentions as we drove by on a guided bus tour, i.e. Emory University and Morris Brown College). Students got experience the difference between Georgia Tech located on the outskirts of Atlanta isolated viruses the urban setting of Georgia State located in the middle of Atlanta. Students also got experience touring 2



Math and Science Students all together on our guided tour of Georgia State University.

historically black colleges: Spelman and Morehouse Colleges. These two colleges are unique in that they are Brother/Sister schools which are an all male/all female schools respectively. Morehouse and Spelman have a rich history that has educated very famous and influential people including Dr. Martin Luther King Jr., civil rights leader and Alice Walker, Famous Author most noted for her book "The Color Purple".

Counsellor's Corner



It has been my pleasure meeting all of our new students and getting to know each of you. I can easily say we have one cool group! We had a really eventful summer and it will surely be one I won't forget.

The students were very busy with class work, science labs and learning a new language. I am

very proud at the level of effort I saw from our students. I do think a lot was learned over the summer! Not only have our students learned a lot but I too learned a thing or two from our students! I now know that we can just "take our L" and when someone is thirsty it does not necessarily mean I need to find them a water fountain! I cannot wait to learn what else my students have in store for us ☺ !!

Over the summer I also had the chance to meet with each student individually for our first counseling session. My primary focus is to be a resource to parents and students throughout their high school career. Being in 9th grade and just starting their high school career I can not stress enough how important it is for students to get a strong start in the right direction. This summer we worked on goal setting. Students were asked to come up with three meaningful goals for themselves. We will use this goal sheet as a guide and work together in achieving these goals.

Again, welcome! And I can't wait for the School Year to start!

Ms. Lara

A Glimpse into STEM

Mrs. Johnson, our Program Coordinator has some **AWESOME STEM** Projects coming up this year that will continue into next summer. We will be working with Lego Robotics EV3 Model to build, code and program our own Robot! There is a high demand in the field of Robotics! We are very excited to see what are students come up with!



We Want to Welcome our new students and parents to the Upward Bound Math & Science Program

Meet the Staff

Our summer staff is composed of seasoned Staff Counselors and Monitors. During the summer component 6 staff members join the office staff on SIUE's Campus.

Septembre Williams: Head Night Time Dorm Counselor

Andrea Wigfall: Girl's Night Time Dorm Counselor

Clarence Sumlin: Boy's Night Time Dorm Counselor

Curtis Lewis: Boy's Night Time Dorm Counselor

Joy Johnson: Day Time Monitor/ Classroom Assistant.

Janay Collier: Day Time Monitor/ Classroom Assistant.



Shout out to All our Summer and Upcoming Birthdays!!

Summer: Jackie, Dasha, Chanae, Kenyattez, Tiana, Davontay, Darielle, Stepheny, Dasia,

Upcoming: Talaizah, Pierra, Le'Vauntez, Marnajha, Antwan, Sarah, Shenaiya, Dyl-

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!



Contact us

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UBMS Cohort 2015 Official

Important Upcoming dates

Sept. 16th: Counselor's Articulation Professional Development training

Sept. 22nd: NAMI Professional Development training

Oct. 10th: Student Orientation 9 - 12:00 pm.
9th Grade Lassi Test

Oct. 24th-25th: Paul Simon Leadership Conference (Over night event)

Nov. 13th & 20th: SIUE Dental School Field Trip
9 - 2:30 pm.

TBA: Robotics Workshop

Class Meeting Dates

Oct. 10 & 24th, November 14th, December 12th

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!

Special Thanks To

Sharon Locke for her personal donation for tickets to pet and feed the Stingrays for all our Students and Chaperones. It was the highlight of our student's field trip!

Our NOYCE Intern: Nicole Dowell and Christian Watts. We appreciate your contributions in our classrooms!

Our Golden Apple Volunteers: Jocelyne Aranda and Kristina McCormick. Thank you for all you did for our students!

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