



BIOTECH ACADEMY NEWSLETTER

May 13, 2019

BIOTECH ACADEMY JUNIORS CHOSEN AS BIOSTART INTERNSHIP CANDIDATES



The students chosen as BioStart Intern candidates (pictured above from left to right) were **Shakeira Rice, Anthony O'Bryan, Arizona Minister, Justin Pham, Miranda Thomas, Dakota Ivy, Zion Hines, DaNeis Brown, and Chaniya Simpson.**

The BioStart Internship application process is a very rigorous experience. After Ms. Williamson visited the Clinical Lab classes and explained the parameters and advantages of participating in the internship. Biotech juniors interested discussed it with their parents and submitted a letter of intent to participate in the internship. They wrote a one-page essay explaining why they wanted to be a BioStart intern and how this experience would influence them in the future. Ms. Williamson sent out teacher recommendations, collected attendance data, checked disciplinary records and calculated GPAs based on a 4.0 scale and class rank. This plus the essay was sent to Dr. Ken McMartin, Director of the BioStart Program at LSUHSC. He chose a slate of nine candidates to be interviewed by BioStart research mentors. The BioStart Interns were chosen based upon their essay, submitted student data and their interviews.

RECOGNITION NIGHT FOR THE BIOTECH MAGNET ACADEMY



On Thursday, April 25 Biotech Academy students were recognized for their academic achievements. Ninety-one students receive the Outstanding Academic Award for having a GPS of 4.0 or greater and 28 students receive the High Academic Award for maintaining a 3.5 to 3.9 GPA. Seventy-six students were given Certificates of Completion for meeting the academic requirements for the Biotech Academy this year. At this time, BioStart interns and Science Fair winners were honored as well as the announcement of the Biotech Student-of-the-Year and the recipient of the Rotary Club \$1000 Scholarship. Seniors received their graduation cords and Biotech trophies for completing 4 years in the Biotech Academy. Dignitaries attending the ceremony included Dr. Ken McMartin, Director of the BioStart Internship, Dawn Banks, Director of Grants and Development for the BRF, Julia Grubb, Grant and Project Funding Specialist for the BRF, and Howard Malpass, President of the SW Shreveport Rotary Club. The Biotech Academy would like to thank Ms. Gilmer and Ms. Loper with their help with the ceremony.



Good Luck on Your Exams!!!

Spring Semester Exam Schedule

Class schedule for May 17th – May 20th

First Exam 8:30 – 10:25

Second Exam 10:35 – 12:30

12:30 Release/Lunch

Tuesday, May 14th – Exams for 1st and 3rd Period

Wednesday, May 15th – Exams 5th and 7th Period

Thursday, May 16th – Exams 4th and 6th Period

Thursday, May 20th – 2nd Period and Make-Up Exams

BIOSTART INTERNS SELECTED AND INTERVIEW WITH MENTORS

On Wednesday May 1, the following students were notified they had been accepted to the BioStart Internship Program **DaNeis Brown, Zion Hines, Dakota Ivy, Arizona Minister, Shekeira Rice, Chanaiya Simpson, and Miranda Thomas**. For the next step in preparing for their internship the students will be matched with their research mentor. On Tuesday, May 9 the interns traveled to LSUHSC to participate in a rotating interview process where interns talked to their prospective research mentor for 10 minutes. The research explained what his/her lab was investigating and the BioStart intern asked questions and shared her interests. After this interview session, the mentors ranked the BioStart students they wished to work in their labs and the interns ranked the mentors according to the labs they wished to work in. The results of the mentor match will be announced at a reception to be held at LSUHSC sometime this summer.



CONGRATULATIONS TO THE ROTARY CLUB SCHOLARSHIP RECIPIENT



The Biotech Magnet Academy is so pleased to announce **George Coleman** is the recipient of the SW Rotary Club's \$1000 Scholarship for 2019. **George** is an outstanding student with a 3.662 GPA out of 4.000 and is in the top 5% of the senior class. He is a member of National Honor Society, FCA, First Priority, Skills USA and National Technical Honor Society. He participated in the Biotech Alternative Internship Program and presented what he learned in computer assisted design at the Caddo Career and Technology Center to the Southwood students. He was awarded a \$2000 Caddo Career and Technology Center Scholarship based upon his outstanding portfolio. He has done community service with Mooretown Elementary School and the Northwest Louisiana Food Pantry, but most noteworthy over spring break he went on a mission trip to Israel. He plans to do his general coursework at Bossier Parish Community College and then transfer to Louisiana Tech where he plans to major in architecture. He has been greatly influenced by his mom who has taught him consideration and initiative as well as encouraging him to go above and beyond. We know **George** is going to do GREAT things and we look forward to hearing from him in the future.

BIOTECH STUDENT-OF-THE-YEAR...TAYLOR DIXON



The Biotech Academy has chosen **Taylor Dixon** as the Biotech Student-of-the-Year. Taylor is an excellent leader at SHS active in National Honor Society, Mu Alpha Theta, Beta Club, Book Club, and JROTC, as well as serving as playing soccer. In the fall semester, she spent half her day at LSUHSC doing research as part of her BioStart internship. She is an outstanding student with a 3.712 out of 4.000 GPA and in the top 4% of the class of 2019. She plans to attend Northwestern State University participating in the ROTC program there and majoring in criminal justice. After she serves in the army going in as an officer, she would like to pursue a career in criminal justice. She has always lived by the philosophy, "Where there is a will there's a way." This means if you are determined you can accomplish whatever you attempt. This honor comes with \$100 cash award. Congratulations go to **Taylor**, the Biotechnology Student-of-the-Year.

TWO BIOTECH SOPHOMORES GET INTERVIEWS FOR THE JUMPSTART PROGRAM

The Jumpstart Program is sponsored by the Office of Multicultural Affairs at LSUHSC. This program is designed to introduce students to the many health care careers and provide them with leadership skills. It is a unique 8-week summer program in which students actually get paid. **Makayla Malveaux** said she applied for the program to try to decide what medical specialty she was interested in. **Nikayla Henderson** wants a better understanding of neurology and neurosurgery. Both girls were nervous when they found out they got an interview. On Thursday May 2 when they arrived at LSUHSC, there were a number of participants present, but the interviews were done one on one with a doctor. The physician asked the girls to describe themselves and explain why they wanted to participate in Jumpstart. On May 6, these two Biotech sophomores, were notified of their acceptance in Jumpstart Program. Both girls were very excited about being chosen. They will go for orientation on May 31, and the program begins on June 3. When asked what they were going to do with the money, they earn this summer, **Nikayla** said she was going to put it in her college fund. **Makayla** said she was going to use the money to pay for flagline. Good luck ladies we know you are going to have a GREAT SUMMER!!

Date to Remember

June 8th ACT
at SHS
8:00 - 12:00



Congratulations to BioStart Interns 2019 - 2020



From left to right Arizona Minister, DaNeis Brown, Miranda Thomas, Zion Hines, Chaniya Simpson, Dakota Ivy, and Shekeira Rice

*BioStart Interns....
Remember to let Ms.
Williamson know when
you are going to be out of
town in June, so she will
not use those dates for the
Mentor Match Reception.*

BIOSTART ALUMNI PANEL ENLIGHTENS BIOTECHERS

On Friday April 12, 6 Alumni BioStart Interns spoke to a select group of sophomores and juniors. The alumni panel included Katie Duhon (2018), who attends NSU, Chelsea Flowers (2017), who attends ULM, Noel Jacquet (2017), who attends Loyola, Anthony Preston (2018), who attends Louisiana Tech, Patricia Reed (2016), who attends NSU, and Trinity Smith (2016), who attends Louisiana Tech. The purpose of the panel was to share how the BioStart Internship has impacted their college experiences and their ultimate career choices. A secondary objective was for these outstanding college students to share advice and tips to becoming successful college students. A final objective was to introduce the Biotech students to the new curricular requirements for the BioStart Internship. As of the 2019 - 2020 school years juniors will have to take Biology II, Clinical Lab and Molecular and Cellular Biology to qualify to apply for the BioStart Internship. The outcome of this panel discussion was phenomenal. Not only did the Biotech students hear the incredible opportunities the BioStart Internship provided for the alumni, but it also allowed the students to walk away with some very valuable information about how to make the best of their college experiences. Thank you Kayte, Chelsea, Noel, Anthony, Patricia, and Trinity! YOU DID AN AWESOME JOB!!



5 GREAT SUMMER ACTIVITIES FOR YOU!!!

Job (for juniors or seniors usually have to be 16 years old)

Description: Having a job is a great way to get work experience that you can include on your resume and college applications, and **it will earn you money** that you can use to help pay for college or just for fun. Common summer jobs that high school students have include being a lifeguard, cashier, or camp counselor.

How to Stand Out: Like any other activity, your job will impress colleges more if you **stick with it and increase your responsibilities**. If you can **work at the same job over multiple summers and get promoted or have your responsibilities increased**, that will make the job look stronger on your college applications.

Internship (usually for juniors and seniors)

Description: Like a job, an internship involves working for a company or organization. However, internships are often **more closely related to your career interests**, and you may not always get paid to be an intern, especially as a high school student. If there's a place you'd be interested in working at or learning more about, you can contact them directly and ask if they hire interns.

How to Stand Out: Schools like students who are passionate about something and **showing your passion in your internship will help boost your college applications**.

Hobbies or Talents (all students)

Description: This is a broad category that can include sports, clubs, or other activities that you do either through school, with a local group, or on your own. Some examples include sports teams, clubs, or a hobby you do in your free time, such as painting, working on computers, or creating a small business. **Colleges and employers like to see applicants who have outside interests and can commit themselves to a particular activity**. Continuing your hobby during the summer is a great way to show that. Use this time to think about how you can become better at the activity or increase its impact. For example, if you love baking, perhaps you could take a pastry course, have community bake sales, see if local bakeries are interested in working with you.

How to Stand Out: Your hobby or talent will be **most impressive to colleges if you have participated in it for an extended time period**, have achieved a leadership position or more responsibility, and are passionate about it.

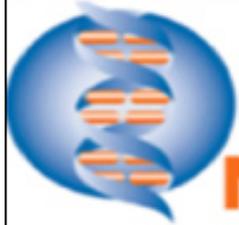
Summer Camp (all students)

Description: Summer camps aren't just for making s'mores and going on nature hikes anymore. More and more summer camps for high school students are being created with unique focuses such as cultural immersion, performing arts, wilderness skills, and more.

Many students attend these programs to learn new skills or improve skills they already have. For example, if you want to get better at a certain sport or start to learn a new language, a summer camp can help you **immerse yourself in that subject** and really focus on learning it.

How to Stand Out: Summer camps can vary widely in terms of quality and the activities that participants do, so it's important to research a program before you enroll in it. **Look for programs that reflect your interests, whether academic or otherwise**. For example, if you want to be a doctor, try to find a science-based summer camp or a program that lets you learn more about what it's like to study and practice medicine. that you take your career path seriously and are genuinely interested in learning more about it.

Congratulations
CLASS OF 2019



**WAY TO GO
BIOTECHNOLOGY
MAGNET SENIORS**

Vanessa Aviles
Maryssa Bailes
Jeida Bell
Kalia Blalock
Tyeisha Brooks
Mya Brown
Sharay Brown
George Coleman
Danielle Collins
Taylor Dixon
Demi Duran
Taylor Duran
Sa'Darionne Ellis
Riley Felicetty
Madison Forest
Destiny Fuller

Makayla Harris
Shar'Lesha Harrison
Parker Hearne
Ry'Kell Johnson
Cheridan Jones
Mackenzie Jones
Cairon Loyd
Claudia Mann
Dylan Manshack
J'Kaedricc Mitchell
Nina Nash
Brittney Neal
Tylar Payne
Kirsten Peques
Justin Persilver
Mackenzie Peters

Joicelynn Richardson
Kiara Rideout
Ravion Shelley
Zarreck Shelton
Morganne Stokes
Makayla Thomas
Tierney Thomas
Dylan Tucker
Ca'Nya Turner
Michala Walker
Amberlyn Walsworth
Marcus Washington
Kennedi Watkins
Christianna Williams
Nyia Williams
Shanese Wright



From the Biotech Academy Staff

Ms. Cathlean Snyder - Freshman/Sophomore
Biotech Academy Coordinator

Ms. Hannah Hastie - Junior/Senior Biotech
Academy Coordinator

Ms. Cathy Williamson - Biotech Navigator