

W.E.S.S. News

From the Desk of Rachel Law, Director

Special points of interest

- Meet our Graduate Assistant
- Meet the Eagle STEM Scholars!

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Fifteen students were selected for the eighth Eagle STEM Cohort Fall 2018. All of the students participated in a six-week summer bridge program before starting the fall semester, as required to become an incoming freshman Eagle STEM Scholar. Students were better prepared for the transition in the fall from high school to college as a result of their summer bridge experience. Students in the Fall 2018 cohort are residents of South Carolina. They entered the program as biology, chemistry, math and computer science majors.

Seniors are preparing for graduate level programs, and submitting applications during the Fall 2018 semester to interview for graduate programs during the

spring semester. Juniors and sophomores are applying for summer research internship opportunities. Mentoring by upperclassmen and networking continues. Mentoring by professors and access to research experience continue to positively impact the academic success of these students.

Scholars are involved on campus as Peer Mentors, McNair Scholars, ASC tutors, and Ambassadors for example. They continue to achieve while giving back to the campus and area community. ■



Rachel Law

Meet our New Graduate Assistant



My name is Jordan Winter and I am the new Graduate Assistant for the Eagle STEM Scholars Program. I received my undergraduate degree from UNC-Chapel Hill in Biology and here at Winthrop, I am pursuing a Master's in Biology, with a focus on Ecology. While at Winthrop, I will be working with Dr. Jennifer Schafer studying the effects of pine straw raking in loblolly pine forests. In the past, I worked with the state of North Carolina and Duke Energy assessing the impact of coal ash residuals on both groundwater and surface water. After graduating from Winthrop, I hope to continue my education and pursue a Ph.D. in Ecology. ■

Meet the New Eagle STEM Scholars



My name is Auzjah Taylor! I graduated from Dreher High School in Columbia, SC. I graduated in the top 20% of my graduating class, I was also very involved in extracurricular activities throughout my high school career. I was a varsity cheerleader all four years and played on the varsity softball team for five years. I was in several clubs including FBLA, National Honors Society, Student Government, and Fellowship of Christian Athletes. Currently I am a biology major and after college, I plan on attending dental school to become a dentist.■

David Brandyburg

I graduated from the High School for Health Professions and was a member of the national honor society. I participated in track and football in high school. I was parliamentarian for the National Honor Society and a football captain my senior year. I am a biology major and after college, I plan on attending graduate school to receive a Ph.D. in Disease Mechanisms Immunology.■



Savannah Scott

My name is Savannah Scott. I am from Mt. Pleasant, South Carolina. I graduated from Wando High School. I was a part of my high school's yearbook where I was a designer and copy editor. On our nationally ranked marching band, I was a soloist as well as the color guard captain. I was part of my school's AP Academy. I am a biology major with a concentration of pre-med but plan on changing my concentrations to biomedical research. At Winthrop, I am part of the STEM program, honors program, and the school's newspaper.■



Kendarius Butler

My name is Kenny Butler. I am from Orangeburg, SC and I graduated from the High School for Health Professions. My major is chemistry with a concentration in ACS Biochemistry. My life's goal is to be a pharmacologist that specializes in drug research and design. My main accomplishments include being accepted into the Eagle STEM Scholars Program. I was president of my high school's HOSA chapter and VEX Robotics chapter. I attended HOSA International Leadership Conference twice in my three years of competing.■



Amanda Esposito

I graduated in 2018 from Chapin High School. During high school, I made the high honor roll on multiple occasions and was named a Palmetto Fellow. Throughout my four years, I participated in Beta Club and National Honor Society. My senior year I was made the president of I AM WE, my school's anti-bullying club. I lettered in soccer every year and was named to the All-State team my junior and senior year. I helped my team become state champions during my sophomore year, and state finalist my junior year. I am now a computer science major, double minoring in math and business administration.■



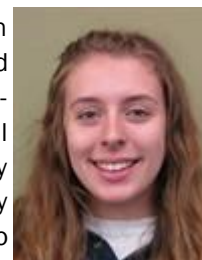
SCHOLARS .. Continued from page 2

Carlos Escoto-Diaz

"I attended Indian Land High School, where I partook in the National Honor Society and the Chemistry Club. I graduated with an award of excellence in French language and with highest honors. I first moved to South Caroling when I was seven, originally coming from the country of EL Salvador. I'm currently in the Culture Club so I can help others learn Spanish and so I may practice French. I'm a Biology major for Biomedical Research as I plan to do graduate research in the future." ■

Natalie Combs

My name is Natalie Combs and I am from Columbia, SC. I am a Chemistry major with a minor in Physics. My hope is to get my Ph.D. and have a career in Astrophysics. I was homeschooled throughout most of my schooling, and I am thankful for the opportunities I have been given. It allowed me to devote more time to my other passions. I have been playing soccer my entire life as well as doing karate and playing music. I play six different instruments as well as writing of songs. My proudest accomplishment is my earning my black belt in American karate. Here at Winthrop, I play on the club soccer team and plan to join the orchestra here as well. Winthrop provides me with so many opportunities and I am excited to see what my future here at Winthrop holds! ■

**Tynasia Foster**

I graduated from Blythewood High School and was a member of the National Beta Club, HOSA, AVID, and JROTC. I participated in track and the JROTC Drill Team. I was battalion S-4 my senior year. I am a chemistry major and after college I plan on attending pharmacy school to become a pharmacist. ■

Ryan Lumbert

My name is Ryan Lumbert, part of the Class of 2022. I am a Computer Science major. I am currently the President of the

Winthrop Student Chapter of the Associations of Computing Machinery, as well as, a member of the Honors program at Winthrop. My hobbies include creative writing and dice collecting and I enjoy reading outdoors. In the future, I hope to enter graduate school and obtain a Ph.D. in Cyber Security. ■

Rebecca Hucks

My name is Becca Hucks and I'm a Biology major within the 2018 cohort. In high school, I was part of the Biomedical Engineering program and did a lot of amazing things through it. I created and sold the designs for a new hospital mattress and had the opportunity to patent it, which I declined. I am now currently in the Honors program at Winthrop and in the Eagle STEM Scholars Program as well. ■



Scholars - Continued from page 3

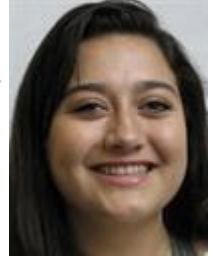
Josiah Bauer



I graduated from South Carolina Connections Academy and was on the board of the schools chapter of the NHS. I played soccer at my local high school for two years and took piano lessons for twelve. I enjoy making bracelets, solving the Rubik's Cube, and playing ping pong. I am a Math major and I plan on going to graduate school to get my Ph.D. in either mathematics or physics and I plan to

teach collegiate level.■

Crystal Moore

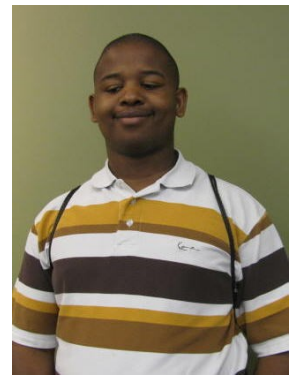


My name is Crystal Moore and I am a freshman majoring in Computer Science. I am from Sumter, South Carolina and I graduated from Wilson Hall High School. I plan on pursuing a job in software development after undergrad and found the STEM program a great aid to me this past summer.■

Jomar Lewis



My name is Jomar Lewis. I am from Orangeburg, South Carolina. I graduated from High School for Health Professions. I was member of the marching, jazz, and concert bands for all four years of high school. I was a member of "The Disciples of Dissonance," which was the highest level jazz band at our school. I was also co-section leader for the saxophone section my junior and senior years. I played on the varsity baseball team. I was an active member in HOSA and my biomedical debate team placed at the regional level and represented South Carolina on an international level my sophomore and junior years. I also joined "The Highlight Society" (male organization that focused on brotherhood, scholarship, leadership, and manhood). During my senior year, I was a paid tutor for my school. I tutored freshman and sophomore students in math, science, and English. I was able to take AP and honors courses and maintain a 4.7 GPA. I graduated 4th in my graduation class in June of 2018 and came to Winthrop University this fall.■



Mackenzie Morisseau

Sarah Fleetwood



I graduated from Blythewood High School. I was an active member of Model United Nations Club and won the best delegate award at the University of Virginia Conference in Fall of 2017. I was a member of the French, English, and Math Honors Societies and completed the Teacher Cadet program. I am a math major and I plan on going to graduate school.■

Collaboration Workshop

Led by Robert Johnson

Eighteen STEM Scholars participated in a workshop on *Collaborative Relationships*, which was a participatory workshop. The purpose of this workshop was to encourage students to build collaborative relationships to enhance their learning process. The workshop demonstrated the value of diversity of thought and that by working together and interacting with each other that problem solving improved. ■



Eagle STEM Scholars –Community Service



BEFORE



AFTER



YL CAMP THUNDERBIRD VOLUNTEERS



- all of the college students from york county which volunteered



-note left by campers on table



- serving big cookies!

Vinson, Bonner, Quay, Talley, Esposito, Lumbert, Made the President's List or had 4.0 GPA for Fall 2018



Augustine Vinson

Six Eagle STEM Scholars made the President's List at Winthrop University having achieved a 4.0 GPA for the Fall 2018 semester.

Augustine Vinson is a senior who achieved this milestone. The two junior students that achieved this milestone were Jessika Bonner, and Juliana Quay. The one sophomore that achieved this milestone was Timber Talley. The two freshmen that achieved this milestone were Amanda Esposito and Ryan Lumbert.

Augustine Vinson is a chemistry major with a minor in Spanish. She plans to attend Veterinary School to become a licensed vet. Jessika Bonner is a biology major with a pre-veterinary focus. Jessika plans also to attend Veterinary school to become a licensed vet. Juliana Quay is a chemistry/pre-med major. She plans to attend medical school and focus on neurology and psychology. Timber Talley is a biology major and plans on becoming a physical therapist. Amanda is a computer science major, double minoring in math and business administration. She also plays soccer for the Winthrop Eagles women's team. Ryan Lumbert is a computer science major and plans to attend graduate school and obtain a Ph.D. in Cyber Security.

We congratulate Augustine, Jessika, Juliana, Timber, Amanda, and Ryan on their outstanding academic accomplishments. ■



Juliana Quay



Jessika Bonner



Timber Talley



Amanda Esposito



Ryan Lumbert

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The Eagle STEM Scholars Program was formed as a result of the INBRE II diversity initiative to effectively matriculate more students from diverse groups into biomedical science Ph.D. programs. Winthrop, because of its diverse population of students, is uniquely poised to increase the number of under-represented minority, low income and first generation undergraduates in South Carolina who matriculate into Ph.D. biomedical science, bioengineering, biochemistry, biology and chemistry programs. It is taking steps to move over the next two decades towards national leadership in this area.