

W.E.S.S. News

From the desk of Rachel Law, Director

Special points of interest:

- What are the W.E.S.S. saying about the program?
- Meet the Eagle STEM Scholars! Class of 2016

INSIDE THIS ISSUE:

Meet the new Eagle STEM Scholars - Class of 2016

Adaeze Aninweze	2
Katlyn Brumley	2
James Dean	2
Quanzay Hemphill	2
Danielle Thibault	2
Raven Barber	2
Kyle Rine	2
Bria Jones	3
Jessica Logan	3
Lauren Lintz	3
Ashley Williams	3
Olivia Manley	3
Katja Hall	3
Jessica Zinna	4
Kristin Ramirez	4

Fall 2012, the Winthrop Eagle STEM Scholars Program began with sophomore students eager to begin their next academic challenges and to assist the new freshman class. Fourteen freshmen biology and chemistry students became the first cohort of scholarship students for the Winthrop Eagle STEM Scholars Program.

Fall 2011 Cohort

The majority of the sophomore students participated in research or additional academic studies during the summer months. Research experiences included WISE internships and assignments with various professors in their laboratories. These learning experiences left the sophomore students better prepared for their



Rachel Law

man students were residents of South Carolina, but also included were out-of-state students from Maryland, North Carolina, and Tennessee. Students moved on to campus early and most resided in common residence halls. As most of them were Honors students as well, they were assigned to the Honors floors.

very challenging fall semester. They continued their studies, campus involvement and community service ending the semester with a better understanding of the commitment required to achieve continued academic success.

Fall 2012 Cohort

The majority of the fresh-

Each scholar was assigned an upper-class student mentor to assist with the transition from high school to college. A seminar course to foster a learning community allowed discussions with faculty and upper class students and included lessons on team building, collaborative relationships and community service. An honors chemistry class attended

See **DIRECTOR** page 4

What are the W.E.S.S. saying about the program?

Kyle Rine - "The Eagle STEM program has pushed me to succeed in all areas, in and outside of the classroom. Along with this comes a core group of fellow STEM scholars who I know are always here for me as I am for them, a sense of camaraderie that is truly amazing."

Kristin Ramirez - "Eagle STEM has provided me with a group of peers with the same interests, goals, and aspirations as me. This program is helpful, encouraging, and supportive. Not only do I have a group of peers, but I also have professors and other

adults that push me to do my best, which helps me to be a successful college student."

Danielle Thibault - "The Eagle STEM program provides many opportunities to succeed in college as well as in life."

See **W.E.S.S** page 4

Meet the Eagle STEM Scholars - Class of 2016

Adaeze Aninweze

My name is **Adaeze Aninweze**. I am a freshman biology major at Winthrop University. I am originally from Nigeria, but I am currently residing in Charleston, South Carolina where I attended West Ashley High School. In high school, I was a member of the national honors society, beta club, academic bowl, track team, and cross country team. I am very fortunate



Adaeze Aninweze

nate to be a part of the eagle stem scholar program. It has opened up many opportunities for me that set me aside from other students at Winthrop. After college, I plan on pursuing a medical professional degree to become an emergency physician. ■

Katlyn Brumley

My name is **Katlyn Nicole Brumley**. I am 18 years old. I was born in Salisbury, MD and moved ten times to end up in Greenville, SC. I graduated from Wren High School where I was the Public Relations Officer for Serteen, captain of the woman's tennis team, and actively participated in Beta Club, National Honors Society, Key Club, and UNICEF. Here at Winthrop, I am currently participating in W.A.R., ClubMed, SOAR, WUHA, and Wofford's Hall Council. I am a Biology major with a concentration in Pre-Med. I would like to minor in Spanish and Chemistry. I plan on attending medical school to study Pediatric Neurology. ■



Katlyn Brumley

Danielle Thibault

My name is **Danielle Thibault** and I am a freshman at Winthrop University. I attended high school in Lexington, South Carolina. I participated in the International Baccalaureate Program and received the IB Diploma. I was active in the community by volunteering my time over the summer and during the school year with various organizations. I was also a member of various clubs and organizations such as International club and the National Honor Society. I have trained in martial arts for 12



Danielle Thibault

years, most recently Bruce Lee Kung Fu, and I intend on continuing this hobby through my time here at Winthrop. I am a chemistry major. I would enjoy pursuing an occupation that involves children. For example I would enjoy being a pediatrician or a teacher. I believe that my time here at Winthrop in the Eagle STEM program will help me achieve my goals for the future. ■

Quanzay Hemphill



Quanzay Hemphill

Quanzay Hemphill is a freshman Biology Major at Winthrop University. He is from Columbia, South Carolina and attended Richland Northeast High School. Upon graduation from Winthrop University, Quanzay plans to attend Medical School where he would like to study Pediatrics and open his own private practice. ■

James Dean

My name is **James Dean**, and I was born in Charleston, South Carolina on October 20, 1993. I was raised in the town of Ladson, about twenty minutes away from Charleston. I went to Stratford High School, and participated in numerous activities: Chorus (singing baritone/bass), All-County Jazz Band (playing guitar), Beta Club, and Model UN, among others. In high school, I developed a love for composing music; I won second runner-up (third place) in Spring 2012 in the statewide Archibald Rutledge Music Scholarship for writing a 3-part choral arrangement of a Charles Dickens poem, Song of the Wreck (which, ironically, had no music associated with it before I started). I am currently attending Winthrop University as a chemistry major. After college, I hope to attend pharmacy school to become a pharmacist. ■



James Dean

Raven Barber

My name is **Raven Barber** and I am a first year Biology major here at Winthrop. I am originally from Rock Hill, SC and graduated from Northwestern High School. After graduating from Winthrop I plan to continue my education on to medical school. I chose Winthrop University because, it was local, they offered me the best financial aid package from all the schools that I initially applied to, and the Eagle STEM program would allow me to begin my first year of college knowing and having a close knit group of friends trying to achieve the best possible educational experience. ■



Raven Barber

Kyle Rine



Kyle Rine

My name is **Kyle Rine** and I am a Chemistry major with a Biochemistry concentration at Winthrop University. I am from Greensboro, North Carolina and went to Bishop McGuinness Catholic High School. I love hiking, hockey, and disc golf and also I hope to enter Pharmacy school upon graduation. ■

SCHOLARS .. from page 2

Bria Jones

My name is **Bria Jones** and I am a freshman and a Chemistry major and Spanish minor here at Winthrop University. I am from Baltimore Maryland but decided to come to Winthrop because of all the wonderful benefits the Eagle STEM program offered me. I am an honors student and a sprinter on Winthrop's Indoor and Outdoor Track Team. I also did track in high school along with a variety of other sports including basketball, gymnastics and volley-



Bria Jones

ball. I love to dance and therefore strived to be the best president of my high schools hip hop team as well as the best member of my high schools repertory dance ensemble that I could be. I love to laugh, I always enjoy a good riddle, and I am looking forward to studying abroad. I'm hoping all of these qualities will make my time here at Winthrop the best years of my life. ■

Lauren Lintz

My name is **Lauren Lintz**, and I am currently a freshman at Winthrop University. In high school, I was always really involved in extracurricular activities, such as Beta Club, Tri Hi Y, National Honors Society, and soccer. I hope to be just as involved here at Winthrop. My major is Chemistry with a concentration in Forensics. I chose to go into chemistry, because I have always enjoyed it in high school, and I believe that I could make a difference in the world if I applied myself enough. I aspire to become either a research chemist or an analytical chemist. I believe that I will succeed in this field of work, because I have such a great work ethic and even if I don't know something, I work hard till I do know what it is. I am thankful for having the Eagle Stem program for giving me such wonderful opportunities to meet with the Chemistry department and for any additional help or guidance that I may need. ■



Lauren Lintz

Ashley Williams

My name is **Ashley Shanee' Williams** and I am 18 years old, born third of four girls on July 21, 1994. My father is a retired military man last stationed in Columbia, SC where my family has lived for the past seven years. I attended Blythewood High School where I graduated 10th of over 400 students, was a member of the Women's Varsity Volleyball Team for four years and captain for my senior year, and an active member in various honors societies. Over the summer, I carhopped at Sonic Drive-In (on skates) and learned a lot about how far hard work and a positive attitude can get you as well as how to make the perfect banana split. I am currently a freshman at Winthrop University taking part in the Winthrop University Vision of Prayze Gospel Choir and Plain Jane, an organization focused on the empowerment of all women. My major is Chemistry with a concentration of Biochemistry and I plan to minor in Spanish. I hope to use this degree to get into medical school and become an anesthesiologist. I am proud to be a member of the Eagle Stem Program because it will allow me to connect with students whose aspirations and academic performance are similar to mine. My biggest dream, at the moment, is to study abroad which I plan to make come true very soon. ■



Ashley Williams

Jessica Logan

Jessica Logan, 18, is a freshman from Knoxville, TN. She graduated from Bearden High School with a 4.3 GPA and in the top ten percent of her class. Jessica lettered in varsity soccer three years, and she is currently playing soccer for the Winthrop Eagles Women's team. Her major is Chemistry with a minor in Math, focus pre-Engineering. ■



Jessica Logan

Olivia Manley

Hello! My name is **Olivia Manley**. I was born and raised in Rock Hill, South Carolina. I attended Northwestern High School, where I was an AP scholar and graduated with highest honors. I fell in love with Chemistry and came to Winthrop to pursue it as a major. Other passions of mine are art and Spanish, and I intend to minor in Spanish. I am considering, after graduating from Winthrop, going to pharmacy school to become a pharmacist. ■



Olivia Manley

Katja Hall

Katja Hall

My name is **Katja Hall** and I am from Vienna, VA. I attended James W. Robinson Secondary School for high school specifically so I could undertake the journey that is the International Baccalaureate. I received my IB diploma after two years of hard work and crazy hours. In high school I played the viola in my school's philharmonic orchestra, I played rugby for FPYC, and I was an officer in the French Honor Society. I am currently a Freshman at Winthrop University majoring in Chemistry with a concentration in forensics. I also plan to minor in Physics. I plan to become a forensic lab technician for a government agency and I am flirting with the idea of attending graduate school to earn a degree in nuclear forensics. Even though I am a Chemistry major, I love learning languages and I hope to continue my studies of French here at Winthrop. I hope Eagle STEM will help me move towards my goals for the future. ■

SCHOLARS .. from page 3

Jessica Zinna

My name is **Jessica Zinna**. I am a freshman at Winthrop University. I am from Lexington, South Carolina. I attended two years of high school at White Knoll, but graduated from Lexington High School with honors. While in high school I was an International Baccalaureate student and a member of many different clubs. I participated in National Honors Society throughout high school, was a member of S.W.A.G.A (Students Who Are Globally Aware), and also participated in the Spanish National Honors Society where I earned an honorable mention on the National Spanish Exam. I was extremely active in community service in high school, and I plan to continue volunteering in college. My major is biology with a pre-veterinary focus. With this degree I plan to attend veterinary school so that I can one day be a large animal veterinarian. I hope to work in a zoo or other environment that will involve working with exotic animals. I am excited to be an Eagle STEM Scholar because I think it is a great program that will help me succeed in my academic career. ■



Jessica Zinna

Kristin Ramirez

My name is **Kristin Ramirez**. I am from Waxhaw, North Carolina and I graduated from Marvin Ridge High School. I am a double major in dance and biology (pre-physical therapy). I chose to major in dance because I have been dancing for 15 years and I love it. Also, I have always had a growing interest in science, which is why I chose to also major in biology. While in high school, I was a member of the International Club, National Honor Society, Spanish Honor Society, and BETA Club. I was elected the BETA Club president my senior year of high school and was also the secretary for the International Club. I enjoyed working as a volunteer at my local hospital for 2 years of high school, and I hope to return to that over the summer because I enjoy learning about the medical field. ■



Kristin Ramirez

DIRECTOR .. from front

by the majority of the scholars and taught by Dr. Pat Owens was one of the more challenging and rewarding courses for the first semester.

Carol Inglis, Graduate Assistant, held meetings with each scholar every two weeks to review academic performance. Mandatory study hall, monitored by upper classmen with academic guidance from Dr. Cliff Harris, Assistant Director, was implemented early in the semester. Mid-term grades allowed scholars to obtain an early assessment of their performance and develop improvement plans to end the semester successfully. ■

W.E.S.S. from front

Adaeze Aninweze - "The eagle stem program gives student a wide array of opportunities to perform at their best in college. This is very essential for me because I want to have best grades during my undergraduate program."

James Dean - "I probably wouldn't have done as well last semester if I hadn't been in the program; the bi-weekly meetings with Carol continually focused my attention to how I was doing in my classes, and whenever I had a question, I could walk into the STEM office knowing that someone would be there to help."

Eagle STEM Scholars Program

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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 PhD 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.

We're on the Web
eaglestem.winthrop.edu