

*Derby High School
Biomedical Sciences
White Coat Ceremony
and Senior
Presentations*

April 20th, 2022

6 pm

Derby High School



Program

Welcome	Ms. O'Brien Mrs. Brown
Opening Remarks	Asst. Principal Allison Strecker
Senior Presentations	Mrs. Brown
Coat Ceremony	Ms. O'Brien
Saber Team	Col. Dillard
Snacks and Poster Display in the Commons	Culinary Classes, Cee Cee's Cookies

4th Year Seniors (completed all four courses)

Shelby Bussman

Plans to attend: Butler Community College and transfer to University of Kansas

Plans to study: Biology Pre-Med with an emphasis on pediatric neurology

Awards and or scholarships: BCC Academic Scholarship, KLC Camp Certificate of Accomplishment

High School Activities: KAY Club (served as VP and president), Panther Pals mentor, HOSA, Panther Crew, Philharmonic orchestra. Participated in several service projects. Organized an Epilepsy Awareness Walk to raise funds for the Cleveland Clinic Epilepsy Research Center, participated in several charity events throughout high school.

Advice for future students or favorite quote: "Be strong now because things will get better. It may be stormy now but it can't rain forever"-- unknown. In regards to this quote, I advise future students to work hard, even during difficult times, for the effort you put into your work will allow you to reach above and beyond the limits of which you think you have.

Chareity Forward*

Plans to attend: Butler Community College

Plans to study: Nursing

Awards and or scholarships: none

High school activities: swim team, youth group, volunteer at Lord's Diner

Advice for future students or favorite quote: Don't wait until the last minute to do anything. Get ahead instead of behind.

Savannah Hein

Plans to attend: Newman University

Plans to study: Biology major, Criminal Justice minor, pre-med focus

Awards and or scholarships: ASC service award, honor program award

High school activities: Panther Pals, Panther Paws, National Honor Society

Advice for future students or favorite quote: Always turn in assignments, and always be nice to O'Brien and Brown.

Sarah Helton

Plans to attend: University of Kansas

Plans to study: medical, nursing

Awards and or scholarships: honor roll

High School Activities: care taker for grandmother, animal care taker

Advice for future students or favorite quote: Always try your hardest, all the teachers are super helpful and understanding just talk to them if you are stressed.

Vivian Kalb

Plans to attend: Rhodes College

Plans to study: Environmental Science

Awards and or scholarships: Cambridge Scholarship, will be running cross country and track State HOSA medals junior and senior year, HOSA ILC qualifier junior and senior year

High School Activities: Cross country, track, National Honor Society, HOSA, Madrigals

Advice for future students or favorite quote: "What you do makes a difference, and you have to decide what kind of difference you want to make." - Jane Goodall

Anna Lin

Plans to attend: University of Kansas

Plans to study: Finance and Accounting

Awards and or scholarships: KU Chancellor Scholarship, State HOSA medals junior and senior year, HOSA ILC qualifier junior and senior year

High School Activities: HOSA, National Honor Society, DHS Dems, Kay club, Co-director of graphic/media designs for the Asian Roots

Advice for future students or favorite quote: Don't be afraid to explore new things and change your mind on what you want to do with your life

Bridget McAdam

Plans to attend: Kansas State University

Plans to study: Kinesiology and Integrative Physiology

Awards and or scholarships: Royal Purple academic award, Braxton Koozer Memorial Scholarship

High School Activities: Cross country, track, National Honor Society

Advice for future students or favorite quote: Choose happiness over money. When picking a career always consider what will make you the happiest as appose to what your salary will be.

Alesnadra Medina

Plans to attend: Butler Community College

Plans to study: Undecided

Awards and or scholarships: none

High School Activities: AFROTC

Advice for future students or favorite quote: Always try your best

George Nikolov*

Plans to attend: Truman State University

Plans to study: Biology pre-med

Awards and or scholarships: Full tuition scholarship from Truman State

High School Activities: STUCO, National Honor Society, Basketball, Panther Leadership Academy volunteer

Advice for future students or favorite quote: Take the ACT seriously it opens doors for you.

Vy Nguyen

Plans to attend: Yale University

Plans to study: Neuroscience or Anthropology TBD

Awards and or scholarships: Equitable Excellence Scholarship Recipient, Ampersand Scholar at WashU, Hodson Trust Scholar at Johns Hopkins, Wichita Asian Association Scholarship Recipient, Smithsonian Documentary Showcase Finalist, State HOSA medalist 9, 11, 12, HOSA ILC qualifier 9, 11, 12

High School Activities: HOSA, Cross Country, Root the Power Integrated Voter Engagement Internship, Wichita Mayor's Youth Council, Girls on the Run Asst. Coach

Advice for future students or favorite quote: "Slow down you're doing fine" -Billy Joel

Logan Riley*

Plans to attend: Butler Community College

Plans to study: Chemistry Pre-Med

Awards and or scholarships: BCC Academic and Soccer Scholarship, honor roll

High School Activities: Volleyball, Soccer

Advice for future students or favorite quote: Take pride in how far you've come. Have faith in how far you can go. But don't forget to enjoy the journey.

Jossy Self

Plans to attend: University of Kansas

Plans to study: Microbiology

Awards and or scholarships: \$20,000 KU Academic Scholarship

High School Activities: National Honor Society, Swim Team

Advice for future students or favorite quote: School is important but always put your mental wellbeing first.

Emery Squires

Plans to attend: Wichita State University

Plans to study: Biomedical Engineering

Awards and or scholarships: Freshman Merit Scholarship

High School Activities: Swim Team, Boys Swim Team Manager, National Honor Society

Advice for future students or favorite quote: Try everything you can in high school see what you like and don't like. It is easier to figure out you don't like engineering in high school then going to college for it and having to change everything.

Landon Stark

Plans to attend: Wichita State University

Plans to study: undecided or biology with interest in neurology or epidemiology

Awards and or scholarships: WSU Academic Scholarship

High School Activities: Marching Band, Swim Team, Wind Ensemble

Advice for future students or favorite quote: Get a rough plan at least of what you want to do after high school especially if you are actually considering going into the medical field. Take advantage of every opportunity you can to decide on you career. Job shadows and interviewing are great examples

Christina Thomas

Plans to attend: Butler Community College then transfer to University of Kansas

Plans to study: Psychology and Criminal Justice

Awards and or scholarships: Black Belt in Karate

High School Activities: Marching Band, Basketball Pep Band, Karate

Advice for future students or favorite quote: "If you want to do something go for it. You've got nothing to lose" - Louis Tomlinson

Annelise Thompson

Plans to attend: Butler Community College

Plans to study: Pre-Med

Awards and or scholarships: Presidential Scholar Award

High School Activities: Drama Club, Tennis, Marching Band, Wind Ensemble, National Honor Society

Advice for future students or favorite quote: Do your work. Stay organized (BINDER!). Don't procrastinate. Be creative. Stay funny. Sit on the lab tables at least once, it's the king of the hill spot in a science classroom.

Cassandra Vargas

Plans to attend: U.S Navy

Plans to study: Hospital Corpsman Labor and Delivery Nursing

Awards and or scholarships: 3rd place Optimist Essay Contest

High School Activities: Tennis, Marching Band, Concert Band, Choir, National Honor Society, Church Youth Group, Folklore Dancing, Taught Sunday School

Advice for future students or favorite quote: I encourage future students to take their time to find what they are truly interested in, and to not feel pressured to know exactly what they want to do with their lives right now. A quote that is meaningful to me and that I try my best to live by is "Do small things with great love" - Mother Theresa.

Lauren Walker

Plans to attend: Wichita State University

Plans to study: Forensic Science

Awards and or scholarships: Freshman Merit Scholarship, BCC associates through Early Academy

High School Activities: Softball, National Honor Society, Orchestra, Volunteer Basketball Coach/Referee

Advice for future students or favorite quote: Don't overwork yourself! Don't take on more classes than you can manage and make sure to leave yourself free time between school, work, and a personal life.

Charis Yager

Plans to attend: Bethel College

Plans to study: Psychology interested in becoming a sports psychologist

Awards and or scholarships: Tennis Scholarship, DAR Good Citizen Award, STEM Scholarship

High School Activities: Basketball, Tennis, Swim Team, Fellowship of Christian Athletes, National Honor Society, Church Youth Group

Advice for future students or favorite quote: Believe you can and you're halfway there. - Theodore Roosevelt

*students doubled up on medical interventions and biomedical innovations

3rd Year Seniors (completed 3 of 4 courses)

Kaylee Krotz

Plans to attend: Butler Community College

Plans to study: Nursing

Awards and or scholarships: none

High School Activities: Cross Country

Advice for future students or favorite quote: "If you get tired, learn to rest, not quit" – Banksy

Jordan Mowry

Plans to attend: Butler Community College then transfer to Oklahoma State University

Plans to study: Pre-Vet Medicine

Awards and or scholarships: none

High School Activities: volunteer at Tanganyika Wildlife Park

Advice for future students or favorite quote: Don't miss class!

White Coat Recipients

Alyssa Binkley
Connoer Blagg
Alayna Bohaty
Max Chisham
Camdan Cooper
Brooklynn Davis
Kaylee Krotz
Agness Mbezi
Ryan Pierce
Talia Ransom
Logan Riley
Keelie Seyb
Samantha Stolt
Valerie Stubbs

Chareity Forward
Molly Gallegos
Madilynn Grady
Jayden Island
Tanner McQuaig
Bella Moises
Vryah Morgan
Jordan Mowry
William Pagels
Chloe Palivan
Luis Peresz Meza
Kendyl Rico
Emma Tiffany
Delia Utley

“Whenever the art of medicine is loved, there is also a love of humanity” -Hippocrates



Project Lead the Way Biomedical Sciences



About Our Program

The DHS program started in the fall of 2012 with 3 sections of PBS and 2 of HBS. We started with approximately 150 students. About 3 years later we added MI and 2 years after that we added BI. We now have 4 sections of PBS, 3 of HBS, 2 of MI and 1 BI class and we serve close to 300 students each year. We started the white coat ceremony in 2017 and added the senior presentations 2 years later. This program continues to grow and we couldn't do it without the support of our administration, staff, parents, and most importantly our students.

Principles of Biomedical Sciences

Students use applied scientific concepts to do research and gather data to solve problems in the field. This class follows the untimely death of a woman. By exploring her death students cover forensic science, genetics, inherited diseases, diabetes, cardiovascular structure and function, and microbiology.

Human Body Systems

Students will tour the human body from the whole being through its systems and small moving parts and back to homeostasis. This course studies a wide variety of human systems using hands-on lab techniques that build on skills learned in PBS.

Medical Interventions

Combining concepts learned from previous courses, students solve real world medical problems using state of the art. Techniques and protocols. This course follows a family through the generations and investigates cancer, gene therapy, microbiology, epidemiology, and medical devices.

Biomedical Innovations

A capstone, senior design style course where students carry out project-based problem-solving research such as designing an emergency room or inventing/ developing a medical innovation.

Special Thanks Goes To...

Mr. Tim Hamblin, Principal

All around awesome person who puts up with his crazy biomed. teachers and their ridiculous ideas!

Ms. Alison Strecker, Asst. Principal

She works with all of the pathways and helps us with orders and funding.

The Amazing Lexie Dill and her Culinary Students for providing the appetizers.

Col. Dillard and his AFJROTC students for adding a little pizzazz to our ceremony.

Cee Cee's Cookies for the adorable and delicious decorated cookies.

Bittersweet for the senior t-shirt design they are always so supportive of us!