

Wildcat Canter

UNIVERSITY OF KENTUCKY AG EQUINE PROGRAMS NEWSLETTER



May 2021



Celebrating our graduates

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Celebrating our 43 Equine Science and Management undergrads for the Spring and Summer 2021 semesters...Each student was invited to attend the Equine Senior Turn Out on Tuesday, May 11, where they were given their senior gifts and had a chance to catch up and say their goodbyes to faculty and staff.



Spring Internship Showcase held; internship awards announced

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The Spring 2021 University of Kentucky Equine Science and Management interns participated in their virtual Internship Showcase at the end of the semester. As a part of the EQM 399 internship course, students presented posters they had developed during their time on internship.



UK Eventing Team wins 2021 USEA Intercollegiate Eventing Championships

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Throughout the history of the USEA Intercollegiate Eventing Championships, the University of Kentucky has competed every year and fought hard for the Wildcats. On Sunday, UK earned its first championship title at the 2021 edition during the VHT International at the Virginia Horse Center in Lexington, Virginia.



Shoutout to graduating and new Wildcat Wranglers

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As we wrap up the Spring semester, we'd like to give a huge shoutout to our '20/'21 Wildcat Wrangler Team. All that they accomplished this past academic year is amazing. They have grown as a team and paved the way for new initiatives to happen for our current and future equine students amidst the pandemic and challenges we've faced this past year.

UPCOMING EVENTS AND IMPORTANT DEADLINES

- Equine Science Society Virtual Symposium – June 1-4
- Kentucky State 4-H Horse Judging Contest – June 2
- Kentucky State 4-H Horse Contest – June 3-4
- Turfgrass as an Equine Sports Surface Course – Beginning June 7
- 2021 Kentucky State Fair 4-H Horse Show – July 3-8
- Equine Programs booth at USPC Festival – July 20-25

A true celebration

Graduation celebrations are special and always an enjoyable experience. Everyone is happy and positive thoughts abound. There is shared recognition of the major accomplishments that the graduates have achieved, combined with hopeful excitement for the opportunities and possibilities going forward.

This year, the celebration felt extra special. The past 15 months have been difficult on many levels, but together as a community we have innovated, adapted and persevered. Feelings of accomplishment and hope were amplified by the availability of some in-person opportunities.

This edition of the Wildcat Canter highlights our spring 2021 graduating class. Forty-three students completed their Bachelor of Science degree in Equine Science and Management. Eleven (26%) are from Kentucky, while 32 (74%) traveled to Lexington from 15 different states. Exciting jobs and internships have been secured both near and far. Other graduates have chosen to pursue additional formal education, including a number of graduate school programs (MBA, MS, PhD), as well as veterinary school and law school, among others.



Importantly, we should all note the clear affirmation that graduates of our program are competing successfully for very high-profile positions, as well as prestigious graduate and professional educational programs. Equine related career paths are more diverse and substantive than ever. Direct hands-on positions across the wide range of equestrian sports and breed groups for sure, but also an array of other fields and disciplines that can have an equine science emphasis. This includes biology and biomedical areas of science, related and affiliated agriculture disciplines, business, communication, engineering, education, law, architecture; there are so many possibilities.

Yes, graduation celebrations are wonderful and earning a college degree is a major life accomplishment. Congratulations Class of 2021!!! You are special and we are very proud of you. We are also very happy for you. Please always remain part of our UK Ag Equine Programs' family. Learning does not end with graduation. Our vision is both life-long learning and a life-long relationship. We are now equine science colleagues.

It would be wonderful if we could bottle the "elixir of graduation" and take sips from this source of positive and hopeful energy throughout the year. Perhaps we should try.

James MacLeod, VMD, PhD

Director of the Ag Equine Programs

John S. and Elizabeth A. Knight chair and professor of veterinary science at the Gluck Equine Research Center

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\$21 TO HONOR A 2021 GRADUATE

Congratulations to our 2021 Equine Science and Management Graduating Class! Please consider making a gift of \$21 to honor a 2021 grad. Your gift supports alumni activities, networking events, educational and social activities, and other programmatic opportunities that make our program so unique for the students we serve. Learning does not end with graduation. Our vision is both life-long learning and a life-long relationship.



Celebrating our graduates

While this past academic year looked very different, we didn't want that to damper the celebration of our 43 Equine Science and Management undergrads for the Spring and Summer 2021 semesters. Each student was invited to attend the Equine Senior Turn Out on Tuesday, May 11, where they were given their senior gifts and had a chance to catch up and say their goodbyes to faculty and staff.

In addition, we also did a virtual Senior Send Off celebration the following Tuesday, May 18, via Zoom where we took time to celebrate the accomplishments of each of our graduates. We are so proud of each of you and look forward to staying connected with you as our now alums.



See profiles of our graduates on the following pages. The Senior Send Off video can be found [here](#).

CONGRATULATIONS

SPRING 2021 CLASS



Abigail Allen

INTERNSHIP: Veterinary assistant, Stillmeadow Equine Veterinary Service

What is your favorite memory from your undergraduate career?

Going into labs for ASC 364 with Dr. Bridges.

What are your plans for after graduation?

UPenn Microbiology labs!

Most impactful faculty or staff member?

Dr. Mary Rossano. She has been like a second mom to me! Always there and very supportive! Love her!

HOMETOWN: Collegeville, PA

Alex Barbatsoulis

INTERNSHIP: Spy Coast Rehabilitation and Fitness Therapy

What is your favorite memory from your undergraduate career?

Experiencing working as a teaching assistant for Animal Science labs.

What are your plans for after graduation?

I will be accepting a full time position at Spy Coast Rehabilitation and Fitness Therapy Center.

Most impactful faculty or staff member?

Savannah Robin always was positive, uplifting, and helpful every step of the way.



HOMETOWN: Hampton, NJ



Hannah Batchelor

What is your favorite memory from your undergraduate career?

I have too many great memories to choose just one, but they all include the amazing friends I've met while being a student at UK.

What are your plans for after graduation?

After graduation, I will be going back to Illinois to work as a riding instructor for Camelot Farm.

HOMETOWN: Yorkville, IL

CONGRATULATIONS

SPRING 2021 CLASS



Megan Blanton

INTERNSHIP: Intern, Diamond Oaks School – Fall 2019 Intern of the Year

What is your favorite memory from your undergraduate career?

Riding and showing on the University of Kentucky Western Equestrian Team!

What are your plans for after graduation?

I plan to get a job as an assistant teacher at a career tech high school teaching Equine Science, with the hopes of one day moving into the head teaching position. I am also a member of the AQHLead program. I am very excited to see where this takes me in my involvement in the Quarter Horse industry!

Most impactful faculty or staff member?

Dr. Coleman and Savannah Robin! Both of them have had such an impact, not only on my time in college, but also with my professional career.

HOMETOWN: Florence, KY

Jenna Bryant

HONORS

INTERNSHIP: Undergraduate research assistant, Department of Agricultural Economics

What is your favorite memory from your undergraduate career?

Working the Keeneland November Sale with the Grovendale gals. It may have been cold and early, but there are no other girls I could've suffered through it with! #GoGrovendale

What are your plans for after graduation?

Pursuing a Master's in Agricultural Economics at Oklahoma State University.

Most impactful faculty or staff member?

Dr. Jill Stowe. She was not only my advisor but my supervisor for three years. She guided me both professionally and personally, and I will always look up to her!



HOMETOWN: Roswell, GA



Camille Camp Wildcat Wrangler

INTERNSHIP: Administrative assistant, National HBPA

What is your favorite memory from your undergraduate career?

My favorite memory is being a part of UK Ag Equine Programs' Wildcat Wrangler team. I met so many amazing people while making a huge impact on the program. I can't wait to see what the Wildcat Wrangler team can accomplish in the future! I met so many amazing people while making a huge impact on the program. I can't wait to see what the Wildcat Wrangler team can accomplish in the future!

What are your plans for after graduation?

After graduation I hope to gain more experience in the equine law industry, while studying and applying to law school.

Most impactful faculty or staff member?

All of the equine faculty and staff members have been very influential in my college career. When asked by prospective students what the best thing about UK Ag Equine Programs is, without hesitation, I would always say the faculty and staff.

HOMETOWN: New Orleans, LA

CONGRATULATIONS

SPRING 2021 CLASS



Grace Camp Wildcat Wrangler

INTERNSHIP: Pharmacy technician, Rood & Riddle Veterinary Pharmacy

What is your favorite memory from your undergraduate career?

My favorite memory from undergrad has been the opportunity to be a part of the Wildcat Wrangler team. I am proud of what the team has been able to establish, and I am excited to see the team continue to grow and accomplish great things in the coming years.

What are your plans for after graduation?

After graduation, I will be attending grad school at the University of Kentucky, studying within the Department of Veterinary Science.

Most impactful faculty or staff member?

I don't think I could choose just one equine faculty or staff member. I am thankful to everyone that has encouraged and supported me within my college career. I can confidently say that the Equine Program has helped shape my undergraduate experience, and I will forever be grateful.

HOMETOWN: New Orleans, LA

Alyssa Carpenter

INTERNSHIP: Foal watch/night watch, Valkyre Stud

What is your favorite memory from your undergraduate career?

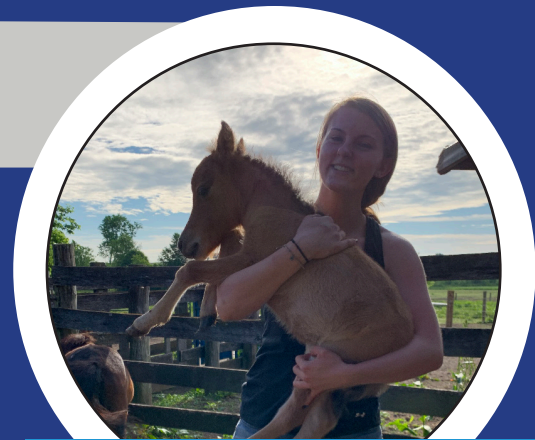
Attending the APVMA Symposiums at Penn State CVM in 2018 and Virginia Maryland CVM in 2020 with UK's Pre-Vet club.

What are your plans for after graduation?

I will be attending veterinary school at St. George's University School of Veterinary Medicine in August 2021.

Most impactful faculty or staff member?

Dr. Martin Nielsen. I worked in the equine parasitology lab at Gluck for about three years. He is always willing to educate me and answer all of my questions. I learned a lot from working in the lab and it opened my eyes to research, another aspect of the equine industry, and another "avenue" of veterinary medicine.



HOMETOWN: Philo, OH



Lacey Chestnut

INTERNSHIP: Thoroughbred groom at Don Alberto Corporation

What is your favorite memory from your undergraduate career?

My favorite memory was hosting Norm Luba as a guest speaker for EQM 106.

What are your plans for after graduation?

I will be continuing my work as a horse groom at a Thoroughbred farm.

Most impactful faculty or staff member?

Savannah Robin helped me connect with so many people within the equine industry. She was always so sweet and easy to talk to. She also helped me to get out of my comfort zone and overcome my social anxiety.

HOMETOWN: Coventry, CT

CONGRATULATIONS

SPRING 2021 CLASS



Julianne Cleaver

INTERNSHIP: Intern, Aleseria Farm

What are your plans for after graduation?

Stay here in Lexington working full time at a Thoroughbred breeding facility. I am passionate about working with mares and foals and plan to continue to follow that route through the next year. Eventually I see myself pursuing pharmaceutical sales for Equine medicine or running my own Thoroughbred breeding operation.

Most impactful faculty or staff member?

Dr. Jill Stowe or Dr. Coleman.

HOMETOWN: Lexington, KY

Emily Coleman

INTERNSHIP: Trail guide and intern, Big Red Stables

What is your favorite memory from your undergraduate career?

Being able to work hands-on with horses that are owned by UK and then getting to apply some of the new skills I learned with my own horses at home.

What are your plans for after graduation?

I hope to find a career where I get to work with horses on a daily basis.

Most impactful faculty or staff member?

Dr. Rossano. She was an amazing advisor, professor, and friend during my time in the equine program. She is very passionate about her work and it shows each day. Dr. Heleski was always the most kind and understanding professor I had during my undergrad.



HOMETOWN: Versailles, KY

Victor Cruz-Lemarroy

INTERNSHIP: Assistant manager, Siena Farms

What is your favorite memory from your undergraduate career?

My favorite memory of my undergraduate career was having the opportunity to go to Breeders' Cup 2020 and watch a filly I worked with from the day she was born run in the Juvenile Fillies.

What are your plans for after graduation?

As of right now, I have no definitive career plans after graduation. I currently work at Siena Farms and plan on continuing to make a career in the Thoroughbred industry. However, in a world full of opportunities and possibilities, one never knows where you might land!

Most impactful faculty or staff member?

While every faculty and staff member has had an impact on my college career in one way or another, I would have to say Mrs. Robin has had the greatest impact. From day one she has pushed me to become a better and more professional version of myself. In addition, her ability to make personal connections and the passion she has for wanting students to succeed is what makes her and this program unique.

HOMETOWN: Paris, KY

CONGRATULATIONS

SPRING 2021 CLASS



HOMETOWN: Louisville, KY

Naomi Dennison

INTERNSHIP: Equine care and management intern, Central Kentucky Riding for Hope

What is your favorite memory from your undergraduate career?

I loved the dissecting portion of the equine anatomy class. I am a very hands-on person and being able to physically hold things really helped me in the long run! My internship was also a top favorite. I was able to work with many different breeds and meet so many amazing people.

What are your plans for after graduation?

I am moving back home to Louisville, KY! I plan on taking the summer to figure out my next move. I am not sure if I want to be in the state or out-of-state at the moment. I plan on applying to as many jobs as possible in the industry and taking it from there.

Most impactful faculty or staff member?

Savannah Robin, she invests so much time into her students and helped me realize my full potential. She helped me become more confident in myself and in the workplace.

Shawn Easterbrook

INTERNSHIP: Studied abroad, France 2020

What is your favorite memory from your undergraduate career?

Meeting my roommates who I have lived with the past three years.

What are your plans for after graduation?

I am taking a gap year then heading off to grad school to focus on research.

Most impactful faculty or staff member?

Dr. Camargo because she was my advisor and helped me when I had several mental breakdowns and always made sure I was taken care of.



HOMETOWN: Trumbull, CT

Alyssa Evans

INTERNSHIP: Groom/ nightwatch, Frankfort Park Farm

What is your favorite memory from your undergraduate career?

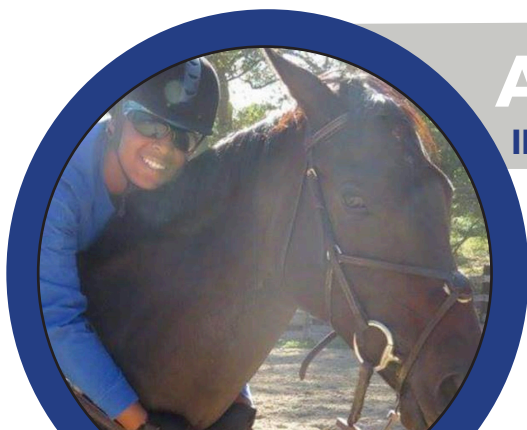
My favorite memory would have to be the leg dissection in Dr. Tebeau's Equine Anatomy class.

What are your plans for after graduation?

Entering a veterinary technician certification program and continuing to develop my sport horse business.

Most impactful faculty or staff member?

Dr. Fernanda Camargo. Before making the decision to come to UK, I had the opportunity to sit in on her Equine Health and Disease class. It allowed me to better compare the type of schooling I would receive from an equine specific degree over a regular animal science degree. Dr. Camargo was also my advisor for many semesters and ultimately helped me make the decision to pursue a dual degree, especially in light of my desire to work in animal reproduction. The other is Savannah Robin. Spring 2020 was by far my toughest semester emotionally, so having her to talk to during that time made my last semesters seem like a walk in the park despite the challenges I faced.



HOMETOWN: Cheltenham, MD

CONGRATULATIONS

SPRING 2021 CLASS



Melanie Gelernter

INTERNSHIP: Hooves of Hope Equestrian Center

HONORS

What is your favorite memory from your undergraduate career?

My favorite memory from my undergraduate career has been all the incredible connections I had the opportunity to build with faculty!

What are your plans for after graduation?

After graduation, I will be attending Mercer University in Atlanta, GA, to pursue my Doctorate in Clinical Psychology with a dual Master's in Public Health.

Most impactful faculty or staff member?

Dr. Bob Coleman was the best professor and advisor I could ever ask for. He supported and encouraged me through all of my academic challenges and was my biggest cheerleader throughout my career at UK. I am so grateful for his support and kindness through the years.

HOMETOWN: Atlanta, GA

Benjamin Gowans

INTERNSHIP: Sales assistant, Mill Ridge Farm



What is your favorite memory from your undergraduate career?

Hitting a \$35,000 pick 6 at Gulfstream Park during senior year.

What are your plans for after graduation?

Continue to work in horseracing/the Thoroughbred industry at Mill Ridge Farm.

Most impactful faculty or staff member?

Mrs. Savannah Robin. Her positive energy is infectious.

HOMETOWN: Seattle, WA

Hope Hagar

INTERNSHIP: Breeding and management intern, Lettleiki Icelandics, LLC



HOMETOWN: New Albany, OH

What is your favorite memory from your undergraduate career?

Getting to work with the horses at Maine Chance in ASC 320 labs.

What are your plans for after graduation?

I am an owner of Unbound Dog Services LLC in Lexington. We offer custom-tailored pet care for the working individual using science-based approaches to dog care and management.

Most impactful faculty or staff member?

Kristen Wilson helped me figure out which direction I wanted to take my studies as a freshman.

CONGRATULATIONS

SPRING 2021 CLASS



Abigail Hudson

INTERNSHIP: Central Kentucky Riding for Hope

What is your favorite memory from your undergraduate career?

Getting to pursue my passion in the Equine Industry alongside some amazing classmates!

What are your plans for after graduation?

I am planning on staying in Lexington to pursue a career in the Equine Industry!

Most impactful faculty or staff member?

Dr. Coleman! He encouraged me from the beginning to stick to my path here despite any bumps in the road & always believed in me.

HOMETOWN: Hurricane, WV

Sabrina Jacobs

INTERNSHIP: Student relations and communications Intern, UK Ag Equine Programs

What is your favorite memory from your undergraduate career?

Overall, working for Ag Equine Programs! I genuinely don't think that I would be where I'm at today without them.

What are your plans for after graduation?

As of right now, everything is still up in the air! If all else fails, I'll be hitting the road for a few months figuring out my next steps accompanied by two dogs, two horses, a cat, and a snake. I'll still be continuing with my business, Humble Wildlife Designs, and work with the clients I currently have.

Most impactful faculty or staff member?

It's way too hard to narrow it down because of my close relationships with everyone. I would say the entire Equine Programs staff had impacts on all aspects of my life. Holly Wiemers pushed me to be the best version of myself, Savannah Robin encouraged me to branch off on my own and invest in my future, Kristen Wilson showed me how to juggle 2,000 tasks and still stay on track, and Erin DesNoyers helped me understand that life is simply too short to run yourself in the ground all the time and that putting an emphasis on yourself is okay.



HOMETOWN: Bloomington, IN



Mackenzie Johnson

Wildcat Wrangler

INTERNSHIP: Immunology lab research assistant, Gluck Equine Research Center

What is your favorite memory from your undergraduate career?

Working with the Wildcat Wrangler equine student ambassador program to promote the Equine Science and Management major at industry events, in the community, as well as through virtual promotions and events.

What are your plans for after graduation?

I have been accepted into UK's graduate school to pursue a Master's degree in Veterinary Science under the guidance of Dr. Emma Adam and Dr. Allen Page.

Most impactful faculty or staff member?

I do not think I would be able to narrow it to just one. Mrs. Kristen Wilson has been the shaping force behind a lot of my professional development and has guided me through so many aspects of my undergraduate degree. It is safe to say that I would likely not be on the path I am today without her. Alisa Herbst, a PhD Candidate at the Gluck Equine Research Center, was the first person to introduce me to equine research and was such an influential mentor while I was an intern and undergraduate research assistant at Gluck. During my time there, I developed a deep passion for equine research and it has shaped the next steps in my academic and professional career. I would have to attribute all of that to Alisa, as I would have not considered this as an option for my future or had the faith in myself to pursue this next journey into the equine research industry.

HOMETOWN: Salisbury, MD

CONGRATULATIONS

SPRING 2021 CLASS



Madison Jones

What is your favorite memory from your undergraduate career?

My favorite memory was going to Colorado State University to participate

What are your plans for after graduation?

I plan to work at Sunny Patch Equine & Canine Center!

Most impactful faculty or staff member?

Dr. Bob Coleman and Dr. Camie Heleski both have been fantastic mentors and have gone out of their way to assist me in every way possible I will always look up to them.

HOMETOWN: Louisville, KY

Ashlyn Justice Wildcat Wrangler

INTERNSHIP: Breeding season intern, the Lazy E Ranch

HONORS



HOMETOWN: Suwanee, GA

What is your favorite memory from your undergraduate career?

My favorite memory was the Welcome Back BBQ my sophomore year. I got to be reunited with all my friends and realize that I have become a part of another family through Equine Programs.

What are your plans for after graduation?

I will be the Equine Coordinator at The American Royal Association in Kansas City, Missouri.

Most impactful faculty or staff member?

Savannah Robin has been a true light in my college career. From being a constant support system to helping connect me with different professionals, I have always been able to count on her and know she is rooting for me. I can not say thank you enough to all the equine faculty and staff for all the different roles they played in my college career. Equine Programs is truly blessed with the best.

Reilly Kaplan-Fardy

INTERNSHIP: Equine pasture evaluation research assistant, UK Horse Pasture Evaluation Program

What is your favorite memory from your undergraduate career?

Doing my internship with the UK Horse Pasture Evaluation Program was my favorite memory from my time as an undergraduate. I learned so much during my internship and I got to experience and see things I never would have gotten to. I also got the opportunity to continue working with them this summer.

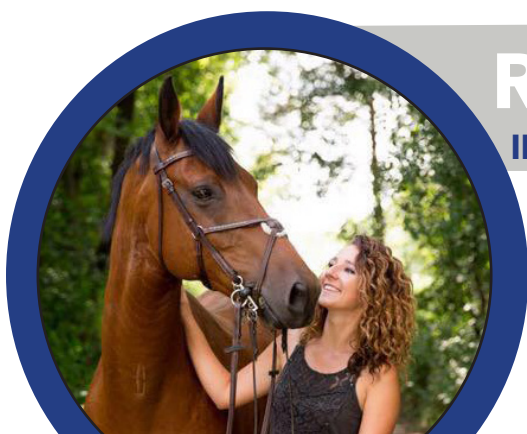
What are your plans for after graduation?

I am planning on continuing to work with the UK Horse Pasture Evaluation Program this summer. After that, I am still deciding if I want to continue with grad school or go to school to become an esthetician.

Most impactful faculty or staff member?

Dr. Heleski. She is really easy to approach and talk to. I can always talk to her about anything. She is so passionate about her job as well and is so admirable.

HOMETOWN: Menomonee Falls, WI



CONGRATULATIONS

SPRING 2021 CLASS



Morgan Kei

INTERNSHIP: Office assistant, Millennium Farms

What is your favorite memory from your undergraduate career?

Ag Deli.

What are your plans for after graduation?

Millennium Farms and Buckland Sales Agency.

Most impactful faculty or staff member?

Savannah Robin!

HOMETOWN: Prince George, VA

Miranda Kunes **Wildcat Wrangler HONORS**

INTERNSHIP: Undergraduate research assistant, Lawrence Equine Nutrition Lab

What is your favorite memory from your undergraduate career?

One of my favorite memories is the day in April at the end of my sophomore year when I changed my major to Equine Science & Management. I was so elated and full of joy because I was finally studying something that was truly me.

What are your plans for after graduation?

I am going to join Dr. Schendel's lab in the Department of Animal & Food Sciences here at UK as a Master's student!

Most impactful faculty or staff member?

While the equine program has a host of spectacular faculty and staff, Dr. Lawrence gave me the most incredible opportunities to explore equine science and challenge my education. Without her support, I would not be in the position I am in today.



HOMETOWN: Cincinnati, OH



Averie Levanti

INTERNSHIP: Marketing intern, Pennsylvania Horse Racing Association

What is your favorite memory from your undergraduate career?

Having the chance to work the 2020 Breeders' Cup at Keeneland. Breeders' Cup is my favorite event and Keeneland is my favorite racetrack!

What are your plans for after graduation?

Returning home to Pennsylvania and pursuing a job in the Thoroughbred industry.

Most impactful faculty or staff member?

Savannah Robin because she helps make negotiating the scary adult world seem a little bit easier!

HOMETOWN: Reading, PA

CONGRATULATIONS

SPRING 2021 CLASS



Aly McGuire

INTERNSHIP: Marketing intern, Central Kentucky Ag Credit

What is your favorite memory from your undergraduate career?

Getting to make connections and friendships with people from all over the world who had the same interests and goals.

What are your plans for after graduation?

I will be working as a Loan Officer for Central Kentucky Ag Credit in Lexington, KY.

Most impactful faculty or staff member?

Savannah Robin impacted my college career by pushing me outside of my comfort zone to find an internship that turned into a full-time job.

HOMETOWN: Lebanon, KY

Remy Nash

INTERNSHIP: Sales intern, Horse Cents

What is your favorite memory from your undergraduate career?

Getting to be involved in so many aspects of the equine industry.

What are your plans for after graduation?

Chaffhaye's Territory Account Manager and Nutrition Specialist.

Most impactful faculty or staff member?

Savannah Robin for all she has helped me with and the advice she has given me. Dr. Coleman for all his great advising and mentoring. I had a great time teaching with him and being a student of his.



HOMETOWN: Brookeville, MD



Maria Oachs

INTERNSHIP: Broodmare sales prep, Grovedale Farm

What is your favorite memory from your undergraduate career?

The typical day-to-day college experience was something I really enjoyed. Getting up in the morning and taking the bus to campus, walking to classes, sitting in a lecture hall, studying in the library, hanging out with friends on campus, and so on.

What are your plans for after graduation?

After graduation, I will be pursuing law school. I applied to several state schools in the Midwest, where I hope to go to school and eventually practice law. I am still waiting to hear back from several of the law schools I applied to.

Most impactful faculty or staff member?

Dr. Coleman, who was my academic advisor, made my college experience as great as it was and he was a great mentor to have. He gave me lots of advice regarding classes and internships. Because of him, I got to volunteer at Road to the Horse. He also wrote me several letters of recommendation for scholarships and for my law school application. He was always friendly and always working at making opportunities available to me. The Equine Program is so lucky to have him. An honorable mention, Dr. Rossano, is a great professor and a great person. I loved being her TA for two spring semesters.

HOMETOWN: Wood River, WI

CONGRATULATIONS

SPRING 2021 CLASS



Lauren Olsen

INTERNSHIP: Training assistant, KR Horsemanship

What is your favorite memory from your undergraduate career?

My favorite memory is being a part of the UK Rodeo Team and making so many lifelong friendships through the program!

What are your plans for after graduation?

I plan to continue working at Keeneland, where I am currently interning doing track surface maintenance.

Most impactful faculty or staff member?

Savannah Robin because she always pushed me to become a better person and inspired me to be more and to think outside the box!

HOMETOWN: Avon, IN

Sierra Orzech

INTERNSHIP: Parasitology Lab research intern, Gluck Equine Research Center

HONORS

What is your favorite memory from your undergraduate career?

Attending UK basketball games and getting to work with newborn foals.

What are your plans for after graduation?

I will be attending the University of Georgia College of Veterinary Medicine in the fall!

Most impactful faculty or staff member?

Colette Tebeau. She served as a great pre-vet advisor my first two years of college and she taught one of my favorite classes, which was equine anatomy.



HOMETOWN: Atlanta, GA



Emily Paden

INTERNSHIP: Leader/sidewalker/barn work, Hooves of Hope Equestrian Center

What is your favorite memory from your undergraduate career?

My internship.

What are your plans for after graduation?

Return home and work on starting my own business.

Most impactful faculty or staff member?

Savannah Robin.

HOMETOWN: Salesville, OH

CONGRATULATIONS

SPRING 2021 CLASS



Rachel Reed Wildcat Wrangler

INTERNSHIP: Customer service and ticket sales operator, Breeders' Cup

What is your favorite memory from your undergraduate career?

Watching the Breeders' Cup Classic on the rail at Keeneland during my internship.

What are your plans for after graduation?

After graduation, I will be working at Park Equine Hospital until I figure out my next step.

Most impactful faculty or staff member?

Savannah Robin. The amount of genuine care and she has for her students is so wonderful. She wants each and every student to find their passion within the industry and has the kindest heart!

HOMETOWN: Dayton, OH

Madeleine Richards Wildcat Wrangler

INTERNSHIP: Barn manager, eventing training barn in Ocala, Florida

What is your favorite memory from your undergraduate career?

Getting to live in the LLP and going to France for study abroad my freshman year.

What are your plans for after graduation?

My plan is to work at an eventing training barn as a barn manager and hopefully get to teach some lessons as well. After taking some time to focus

Most impactful faculty or staff member?

This is tough because I was lucky to become close with many of my teachers but I think the three most impactful people would be Savannah Robin, Kristen Wilson, and Dr. Bob Coleman. They have all been very supportive of me and helped me pursue my dream of getting to go down to Ocala, Florida during the winter/spring



HOMETOWN: Lexington, KY

Emily Rogers

INTERNSHIP: Breeding intern, Fred Sarver

What is your favorite memory from your undergraduate career?

Football and basketball games!

What are your plans for after graduation?

Working at an emergency clinic.

Most impactful faculty or staff member?

Savannah Robin because she helped me figure out my passion.

HOMETOWN: Indian Trail, NC



CONGRATULATIONS

SPRING 2021 CLASS



Margaret Rumbaugh

INTERNSHIP: Technician associate, Equine Medical Associates

What is your favorite memory from your undergraduate career?

Getting the opportunity to go to Kanab, Utah, with the LLP on a service trip over spring break. We got to try so much good food, see cool animals, help the sanctuary, and see so many beautiful places!

What are your plans for after graduation?

I have accepted a seat at Mississippi State University College of Veterinary Medicine Class of 2025!

Most impactful faculty or staff member?

Dr. Coleman and Savannah Robin. Both Dr. Bob and Savannah were always so welcoming with open arms to answer any questions, field any meltdowns, and lend a listening ear. Dr. Coleman was always there to help me understand and calm me down when I was worried about schedules, school, or getting into vet school. Savannah Robin is someone that knows what it is like to be in the industry as a young professional in today's world and carries that task with such grace. Both are such role models and mentors that I hope to have for many years to come.

HOMETOWN: Winfield, WV

Kayla Schneider

INTERNSHIP: Farm groom, Bonne Chance Farm

What is your favorite memory from your undergraduate career?

Meeting all my new friends and establishing connections within the Thoroughbred industry.

What are your plans for after graduation?

I plan on staying at Bonne Chance in a full-time position.

Most impactful faculty or staff member?

Dr. Bob Coleman. his love and dedication to his students and to the equine industry inspire me to be a better horseman everyday. Dr. Coleman is always willing to go above and beyond for me, and I could not have asked for a better advisor the past three years!



HOMETOWN: Frankfort, KY

Kari Sletten

INTERNSHIP: Emerald Star Equine Services

What is your minor?

Agricultural Economics.

What are your plans for after graduation?

I am greatly looking forward to graduating from the University of Kentucky so that I can get out into the industry and begin to make a difference in the lives of the horses that I encounter throughout my professional life.



HOMETOWN: Centennial, CO

CONGRATULATIONS

SPRING 2021 CLASS



Hannah Smither

INTERNSHIP: Intern, groom at Cobra Farm

What is your favorite memory from your undergraduate career?

Getting to work with class horses (specifically Bran Bran!) in EQM 105.

What are your plans for after graduation?

I will be completing a summer internship with The Jockey Club working with their information systems.

Most impactful faculty or staff member?

I feel that Dr. Heleski has been most impactful on my college career because I have had her as my professor for more classes than any other professor. She has seen much of my writing and has given me great feedback. I am also doing my independent study with her.

HOMETOWN: Frankfort, KY

Brittany Sparks

INTERNSHIP: Veterinary assistant intern, Hagyard Equine Medical Institute

What is your favorite memory from your undergraduate career?

Getting to know lifelong friends and being an officer of CPHA.

What are your plans for after graduation?

I have applied to many farms, one being Coolmore (Ashford Stud). Hopefully I hear back with good news!

Most impactful faculty or staff member?

Savannah Robin. She helped me throughout my undergrad with classes, my internship, and career goals.



HOMETOWN: Willisburg, KY

Grace Vasquez

INTERNSHIP: Teaching intern, UK Ag Equine Programs

What is your favorite memory from your undergraduate career?

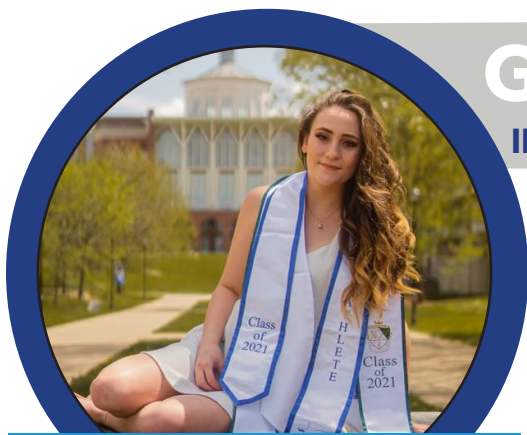
Getting to meet likeminded students and form lifelong friendships!

What are your plans for after graduation?

I will be pursuing my Master's in Business Administration through UK's One Year MBA Program!

Most impactful faculty or staff member?

Honestly, all of them impacted me in some way! I would say Dr. Camie Heleski, Mrs. Savannah Robin, and Mrs. Kristen Wilson all taught me so much professionally and guided me towards the path I am on now. I am so grateful for all of them!



HOMETOWN: Shelbyville, KY

CONGRATULATIONS

SPRING 2021 CLASS



Rhiannon White

INTERNSHIP: Intern, Elisabeth Goth LLC - Breeding Division

What is your favorite memory from your undergraduate career?

All the hands-on experiences that the ESMA classes had to offer!

What are your plans for after graduation?

I will be returning to Pittsburgh and hopefully starting a job at the Pittsburgh Zoo and PPG Aquarium!

Most impactful faculty or staff member?

Dr. Jackie Wahrmond was one of my first College of Agriculture professors I had as a freshman and she has become a lifetime friend. Her ASC 101 class was one of my favorites, as I was a TA for her a few times and excelled in the class when I took it. It made me so eager to pursue my degree in agriculture and help other students succeed in the class. Our shared passion for American Saddlebred show horses always makes for a fun time, whether we are in the show ring or in the classroom. Dr. Urschel, Dr. Camargo, Dr. Heleski, Dr. Rossano, Dr. Bailey, Dr. Coleman, Mrs. Tebeau, and Mrs. Robin all were instrumental in my college career as well and I don't think I would have had more fun with any other degree!

HOMETOWN: Pittsburgh, PA

Katlin Wilson

INTERNSHIP: Assistant, under Dr. Emma Adam, Department of Veterinary Science

What is your favorite memory from your undergraduate career?

Traveling with PreVet Club to Symposiums.

What are your plans for after graduation?

I am continuing my current job with a small animal veterinary while looking for a career with my equine degree. I would also like to apply to vet school.

Most impactful faculty or staff member?

Colette Tebeau because she helped me through my classes for vet school requirements. And one of my favorite classes was her Equine Anatomy course.



HOMETOWN: Myrtle Beach, SC

YOU
DID
IT!



SENIOR TURNOUT; PHOTOS BY SYDNEY CARTER



SENIOR TURNOUT; PHOTOS BY SYDNEY CARTER



Spring Internship Showcase held; internship awards announced

By Savannah Robin

Photos by Sydney Carter

The Spring 2021 University of Kentucky Equine Science and Management interns participated in their virtual Internship Showcase at the end of the semester. As in past semesters, internships are as diverse as students' interests and experiences. As a part of the EQM 399 internship course, students presented posters they had developed during their time on internship. On the next pages are some of the student posters highlighting their diverse and unique experiences. They include:

- Alex Barbatsoulis – Spy Coast Rehabilitation and Fitness, equine rehab intern
- Sydney Carter – UK Ag Equine Programs, communications and student relations intern
- Kennedy Hoch – Hagyard Equine Medical Institute – full semester veterinary assistant internship
- Sierra Orzech – Gluck Equine Research Center, research intern under faculty member Martin Nielsen
- Alex Sharp – Rood and Riddle Equine Hospital Pharmacy – pharmacy intern

Two Outstanding Interns were also named for 2020-2021. These students were nominated by their supervisors and evaluated by an external committee. The following students were selected based on their impact.

Aly McGuire: Internship - Central Kentucky Ag Credit, marketing intern – Fall 2020



During her internship, McGuire was assigned with developing content and organizing the design and production of the Central Kentucky Ag Credit LEADER magazine that is mailed to 8,500 contacts.

According to her supervisor, McGuire was organized and met the production deadline for the magazine. She also featured a local horse boarding customer in Harrodsburg, and in doing so, she had to research the customer, conduct an interview and then write the story. She wrote most of the content, organized photos and developed the layout of the magazine. The issue was mailed to all contacts in late November.

According to her supervisor, McGuire went above and beyond with her internship. She was the first marketing intern Ag Credit ever had, and since the experience was so successful, the company now plans to continue this program.

McGuire was hard working, kind, outgoing, creative and able to work with others, her supervisor said.

McGuire went on to be offered a full-time position as a loan officer at Central Kentucky Ag Credit and began post-graduation.

Hannah Smither: Internship- Cobra Farm, Thoroughbred farm assistant – Spring 2021

According to her supervisor, Smithers coming to Cobra Farm was efficient from the onset. Though quiet at first, she opened up more each week. She was professional, knowing when to listen and when to ask questions.




According to her supervisor, she was also very professional around veterinarians, owners and clients. Her questions are always relevant to the situation.

She also expressed interest in record keeping for the breeding of mares and became proficient with the Jockey Club's HFM software in the barn, as well as communicating with the vet on prior activity and recording daily actions performed by the vet, so much so that she was left in charge of directing the vet on the daily activities.

"Ms. Smithers is very punctual and willing to stay after and has swapped shifts with co-workers to accommodate their needs. She is very much a 'team-player,' although only working part time. Hannah excelled in every aspect of her internship with her professionalism, dedication and effort," said her supervisor. "She has literally handled and accomplished every task at the highest level possible, and always with a smile. She will excel in the future wherever she lands with the attitude she has exhibited while at Cobra Farm. I would give the highest recommendation/reference possible for her future, and if I had such a position available at Cobra Farm I would hire her myself. I wish her the best and would be willing to assist wherever possible."

Smithers graduated in May and was selected as one of the Jockey Club interns for the Summer of 2021.



Veterinary Pharmacy Technician


Alex Sharp
Equine Science and Management
University of Kentucky, Lexington, KY



Description of Responsibilities and Activities


During my internship at the Rood & Riddle Veterinary Pharmacy, I worked as a technician behind the counter and in the non-sterile compounding lab. I learned how to fill orders on the computer and prepare them for pickup, shipping, or deliveries. My responsibilities included gathering the orders together, giving them to the head technician to fill, and labeling the orders to be approved by the pharmacist. In the non-sterile compounding lab, I made uterine flushes, which involved a lot of checks from the pharmacists to make sure the drugs were measured correctly and switching the ringer bags in and out of the pumps.

I would also do other miscellaneous tasks, such as labeling compounds made by the pharmacy, organizing the shelves, inventory, and working on articles for the marketing department.



A photo of me counting out a prescribed medication on the pill counter

Abstract



Rood & Riddle Pharmacy Logo

The Rood & Riddle Veterinary Pharmacy is located in Lexington, Kentucky alongside the Rood & Riddle Equine Hospital. They provide non-prescription, prescription, and custom compounds for equine breeds and small animals. The pharmacy compounds sterile and non-sterile drugs that can be adjusted in varieties of flavors, strengths, and sizes that are suitable for an animal's specific needs.

Mission Statement: "To be the ethical, quality source for veterinary compounding."

Responsibilities at the pharmacy as a technician: Preparing orders for pickup, shipping, and deliveries, compounding non-sterile uterine flush rings, and labeling the completed compounds.

Evaluation of EQM Courses

Evaluation of EQM classes that benefited me most:


EQM 106: Intro to Careers in The Equine Industry
I took this class my freshman year, which helped me put my foot in the door in the racing industry. The job shadow required helped me with obtaining my first job that summer, which opened up many opportunities.

EQM 301: Thoroughbred Sales
I have always been interested in the thoroughbred industry and this class has provided so much information about the sales of this breed. I have learned new skills that will benefit me for my future career.

ASC 310: Equine Anatomy
Although this class was tough, I learned all about the anatomy of the horse and how each bone, ligament, muscle, etc. works.

EQM 305: Equine Industry Issues
I put a lot of research into the industry while taking this course, looking through the ups and the downs of the horse world. The mock interview also helped me a lot because I got to practice and receive feedback on how I can improve in future interviews.

I think pharmaceuticals in the equine industry is very important and I wish that there was a type of class to where students could learn about the medications that horses need, etc. It is very important that people know how to administer medicine given by a veterinarian properly and what is it used for. A lot of these classes that I took in the past helped me gain experience and knowledge in the equine industry, which helped me display professionalism in my internship.



Over the counter products in the front of the pharmacy

Professional Growth Goals

I pursued this internship to help narrow down my interests for deciding on a future career. I wanted to learn about the pharmaceuticals in the equine industry to also help me when I am hands-on with horses in general.

Goal: To narrow down my interests in a future career by working in the administrative and marketing department and as a technician by April 2021.

Strategy: Learn about the roles of a technician, customer service positions, and the marketing department.

Goal: Gain hands-on experience in the lab at least once a week until the end of my internship.

Strategy: Work in the sterile lab, observe in the sterile lab, and ask questions on how the compounds are made.

Goal: Make connections in and outside of the pharmacy by the end of the semester to help me find a summer job.

Strategy: Discuss with supervisor about future possibilities or connections. I will also keep a good reputation and work hard to show responsibility.


Goal: Work in the marketing department and see if I need to add any minors by this month in order to be qualified for positions after college.

Strategy: Discuss with people at the pharmacy if there are any qualifications and put research into the marketing industry to see what is needed.

Goal: Observe and learn as much as I can to add to my resume by the end of the semester.

Strategy: Ask as many questions as possible to learn about the medications and compounds, while putting in research outside of the internship. I will also go through my resume and fix up regularly.

Issue Analysis



Part of Rood & Riddle's compounded products

Overview

Compounding is very important and essential in the equine industry due to specific weight and characteristics of each animal needing medications. Rood & Riddle Equine Pharmacy provides custom sterile and non-sterile compounding which meets client's needs for the animal.

Analysis

Compounding is an important aspect of the pharmaceutical industry because it provides animals more specific drugs for their needs when commercial drugs cannot provide for the situation. In drug manufacturing, there is mass production of drugs, and the dosages cannot be altered in this process. These drugs are sold to pharmacies and cannot be readjusted.

Proposal

For horses, it is important because they are much larger animals than most and need a lot more of a drug than smaller animals do in order for it to be effective. Compounding consists of customizing the strength, flavor of the medication, reformulating the drug, and form of application. For example, Butel's Sweet for horses can have deammonazone in it and can also be excluded from the topical compound. There also can be different flavors to help the animal swallow the drug easier. The same drug can also have different dosage forms such as a capsule, chew tablet, oil suspension, or powder.

Reflection

It is very important to provide both commercial and compounded drugs in a pharmacy. Every animal is different, in which it is important that these compounds vary. I believe that more compounding labs should develop over the years due to its large demand. A lot of pharmacies make their profit off compounding and benefit the community around it.

Professional Growth Outcomes

During my internship, I became a lot more comfortable in an office setting and learned how to display professionalism. I was able to gain hands-on experience with preparing orders and working in the non-sterile lab. I also was able to narrow down my interests in the equine industry and gained a lot of knowledge about pharmaceuticals for small animals and horses. One goal that I did not get the chance to reach was to become more involved in the marketing department. I spent a couple days with the department, but it was a busy time at the pharmacy, and I was placed where help was needed.

Acknowledgements

I want to thank the entire Rood & Riddle Veterinary Pharmacy staff for taking the time to teach me new skills and for helping me develop and grow in the equine industry.

I also want to thank Savannah Robin for giving me so many opportunities throughout my college career.

Description of Responsibilities and Activities

I am currently withstanding an internship at Spy Coast's Rehab and Fitness Therapy Center. My duties in the barn include walking and grazing horses, making stalls, grooming, feeding, disinfecting and wrapping wounds, wrapping/balancing legs, bringing horses to and from the hot-walker, lunging, and other miscellaneous cleaning activities. I also assist with medications, vaccinating, shots, and other veterinary work. Modalities I am currently working with and training on working with include the dry treadmill, water treadmill, Aqua Spa, Multi-Radiance Laser, Regenerative Laser Therapy, PEMF, Ultrasound, Equineis, balance pads, and hands-on work like stabling.



Photo Credit to Sydney Carter

Professional Growth Goals

Capability to work with and understand about all therapeutic devices by April 2021
Strategies to achieve this goal include watching rehab workers use the modalities, read the manuals and other information sources provided at Spy Coast, ask for the vet to assist and watch over my shoulder, take information on what injuries/are as go with which settings.

Growth in overall professional skills about the rehabilitation career by May 2021
Strategies to achieve this goal include communication growth through speaking with assistants and public speaking practice during my case study showcase, increasing my basic Spanish skills with learning and practicing with coworkers, grow in overall medical knowledge from vet assistance, and journaling what I learn and experience after everyday.

Deciding what therapy I want to further expand into a future career by August 2021
Strategies to achieve this goal include working with each modality, ask for insight from the vet and coworkers on their preferred method, find out what therapies are sustainable without vet supervision, research portability and payback from each therapy, and gaining a network of people for future clients and professional relationships.

Deciding what certification school I should go to for decided therapy by August 2021
Strategies to achieve this goal include working with the different modalities with a higher understanding on what they do, conducting research on what licenses are needed for what states and devices, gaining knowledge on how other rehab assistants run their own small business and learning what practices are needed under vet supervision versus not.

Obtain a job through Spy Coast after the internship stops in May 2021
Strategies to achieve this goal include performing above the expectation as an intern, always arriving before the scheduled time, always be good spirited and asking what more I can do and communicate that I would love to continue work with them if the opportunity is available.

Abstract

A two-year-old thoroughbred arrived at Spy Coast Rehabilitation and Fitness Therapy Center on February 1st, 2021, with a fence laceration wound that extended from the lateral mid-stream and over his carpal joint with scar tissue formed. A few days after, the horse jumped from the paddock, reopened his laceration, and was sent to Rood and Riddle Equine Hospital for two weeks. Once his sutures detached, he was brought back to Spy Coast to return to therapeutic treatment.

An Overview of Wound Healing

Wound healing can either happen with indirect trauma, such as repeated strain, or direct trauma, such as lacerating a muscle.

The Three Stages of Healing

- 1) **Acute Inflammation** - within the first 72 the body is going to rapidly flood cells to the damaged area to stop the bleeding and any infection that can occur. Typically, this stage causes pain, swelling, redness, heat, etc.
- 2) **Granulation and Proliferation** - around six to eight weeks, repairs will happen to any damaged nerve connections and new tissue will start to form.
- 3) **Remodeling** - around three months to over a year, fibers are tightening and strengthening along with the formation of scar tissue.

Project Development/Issue Analysis



Why Heal with Therapeutic Modalities?

- Most older healing protocols use medications and the RICE method, and the damaged area doesn't heal to the same flexibility, range of motion, and strength to what it was before.
- Resting until completed healing takes long enough, and it takes even longer to achieve normal fitness levels/stamina.
- Risks down the road with modalities are diminished such as inflammation, chronic pain, or future re-injury
- Irreversible scar tissue is not great for aesthetic purposes, along with the overall sale value decreasing. Scar tissue is eliminated almost completely with modalities.

Methodology

Three different therapeutic modalities were used in the process of healing the horse's wound.

Aqua Treadmill (WTM)
Returning from the hospital, the WTM started at a low speed and water depth, walking 3x/week. He was bumped up to 6x/week three weeks later. His speed and water depth increase was determined on the fitness difficulty, proper walking posture, and carpus joint flexion. There are three therapeutic components from the WTM:

- Thermal - cold water is great for conditioning and cooling down any heat; warm water is great for flexion, microcirculation, and comfort.
- Hydro - the deeper the water, the more buoyancy resistance and less concussive stress for the joints to harbor.
- Physical - underwater resistance maintains fitness levels while stopping unwanted flexion resistance. It can also stop musculoskeletal problems.

Regenerative Laser Therapy (RLT)
The RLT was hovered 70% around the wound and 30% over the wound 3x/week. The RLT is a noninvasive treatment that emits frequency wavelengths to provide more energy available and speed up the body's healing process. This decreases inflammation, relieves pain, stimulates lymphatic drainage, and improves scar tissue pattern to have a more organized pattern.

ACTIVETPRO (MRL)
The MRL was used 3x/week in March as proud flesh developed. The blue light laser at 100% power emits wavelengths that are used to kill any bacteria, even those with resistance, without heating the skin's temperature.

Summary

As seen, the wound is still healing. But, after just three months the wound has healed at approximately 150% faster with using modalities rather than older methodology with minimal scar tissue formation. At this rate, the carpus flexion is at 90 degrees, and will be at the full 120 degrees before the end of May. His wound will be completely recovered to its original flexibility, range of motion, and no scar tissue before August.



January 27, 2021 the carpal joint flexion at nearly 0 degrees. April 15, 2021 the carpal joint flexion at nearly 85 degrees, over halfway to the full 120-degree flexion.

Evaluation of EQM Courses

EQM105 Equine Behavior and Handling is an introductory level class that allowed students to be at the farm and work with handling horses and basic barn chores.

ASC310 Equine Anatomy is a course all about the anatomy and different body systems of the course. This is extremely useful in the field of rehabilitation when you need to know directional forces, muscles, ligaments, etc. to use modalities on an area and injury of the horse.

ASC325 Animal Physiology goes together with Equine Anatomy and emphasizes the functions of anatomy and movement, along with a better understanding to the body systems and how it interacts with its environment.

ASC326 Equine Law is a course teaching an introduction to law and basic legal principles along with equine focused laws around buying/selling horses, business standards, liability, agreements, etc.

EQM351 Equine Health and Disease is a course on the many diseases, injuries, medications, etc. in the equine world. This highlighted equine anatomy in ways of different injuries and illness. This course was also essential to applying correct medications to a variety of health-related situations.

Professional Growth Outcomes

This internship has exceeded my expectations. I accomplished mostly all my goals that I had set for myself before beginning with the strategies I had determined to get there. I have experienced using almost all the therapeutic modalities and have gotten all my questions answered throughout my time. I had the opportunity to use these therapies on multiple different injuries, types of horses (including age, breed, and discipline), neurologic and genetic cases, and for those just in need of maintaining fitness. Overall, my experience has been extremely rewarding and I am thankful to have gained a job with Spy Coast for the upcoming future.

Acknowledgements

A huge thank you to the entire team at Spy Coast Farm for taking time out of their schedules to teach me the ins and outs of their rehabilitation practice. Thank you Dr. Julie Vargas, Alicia Bradshaw, and all my other coworkers.

Thank you to Dr. Elizabeth Barret for reaching out to Dr. Vargas about placing me into the Spy Coast internship this semester.

Thank you to all my professors and colleagues throughout my time at the University of Kentucky, and my friends and family as my biggest support system throughout the years.



Description of Responsibilities and Activities

My internship was under Holly Wiemers, the communications and managing director of the UK Ag Equine Programs. In this position, I was responsible for working closely with the entire UK Ag Equine Programs team and completing the necessary projects and assignments for them. One of my main responsibilities included updating and maintaining the equine science and management student job, internship, and career database. I also wrote several stories and articles for the UK Ag Equine Programs digital publications, *The Wildcat Center* and *The Equine Science Review*, as well as press releases for the UK Ag Equine Programs website. One of my main projects was hosting an equine-oriented photography contest to expand the photo database. Other smaller tasks include creating catchy graphics, managing the Instagram account, a photographing other ESMA student interns at their sites.



Photography Contest People's Choice Award winning photo by Brooke Kitchum

Professional Growth Goals

- **I want to be proficient in using Adobe InDesign**
This software is something that I use almost every day on the job, so I have gotten very familiar with how to use it.
- **I want to be proficient in using Adobe Illustrator**
This software is something that I use almost every day on the job, so I have gotten very familiar with how to use it.
- **By the end of this internship, I want to be confident in my writing ability, not fear writing over 1000 words**
This position has allowed me to improve my writing skills and compose several different types of writing publication materials.
- **I want to increase my current portfolio by at least 15 pieces**
This position has allowed me to far exceed my portfolio expectations, with writing stories for several types of publications; *The Wildcat Center*, *Equine Science Review*, and the UK Ag Equine Programs website.
- **I want to be involved in the planning and carrying out of an event**
Near the start of my internship in February, I was tasked with overseeing and planning the first annual UK Ag Equine Programs Photography contest.

Abstract

This internship allowed me to learn about the opportunities for combining my interests in the equine community and my interests in journalism. While the two subjects aren't conventionally related, I was introduced to the potential career paths and options for my future.

I also got to help current students grow as professionals by working with Savannah Robin to offer an opportunity for EQM 399 students to get headshots done to update their LinkedIn professional profiles.

Project Development/Issue Analysis



Photography contest category winning photograph by Laura Palabozo

UK Ag Equine Programs Digital Content Asset Creation: I completed several small projects in which digital media was utilized for the benefit of the UK Ag Equine Programs and Equine Science and Management students. I decided to tackle this project for the purpose of engagement and involvement of both students and the Equine community.

Evaluation of EQM Courses

ASC 320 – Equine Management showed me proper management skills for horses and business

EQM 101 – Intro to the Horse & Horse Industry intro to how the horse industry functions, familiarizes students with horse information and prepares students for writing

EQM 106 – Intro to Careers in the Equine Industry understanding professional work and careers, as well as learning skills about personality and how to develop a good resume

EQM 305 - Equine Industry Issues: writing skills and how to discuss difficult topics

Professional Growth Outcomes

- **Proficient in using Adobe InDesign**
This is a software that I will likely use consistently in my career, so to leave my undergraduate experience familiar with it is ideal.
- **Proficient in using Adobe Illustrator**
This is a software that I will likely use consistently in my career, so to leave my undergraduate experience familiar with it is ideal.
- **Confident in my writing ability, not fear writing over 1000 words**
Writing is a skill that is useful in any profession, so to have such diverse experience is beneficial for my professional career moving forward.
- **Increase my current portfolio by at least 15 pieces**
I have established a diverse and interesting portfolio far exceeding my expectations for the internship.
- **Involvement in the planning and carrying out of an event**
Event planning is a skill that I will take with me throughout my career opportunities as it is something that is valued in many professions.

Acknowledgements

Sabrina Jacobs – a fellow student intern that was kind enough to coach me and help me learn the skills that I was lacking for this role. She introduced me to Adobe Illustrator and Adobe InDesign and graciously answered all of my tedious questions about the software and formatting.

Erin DesNoyers – The UK Ag Equine Programs Operations Coordinator, who has been so welcoming and kind to me. I appreciate all of her help and guidance in figuring things out.

Description of Responsibilities and Activities

Through my placement at Hagyard Equine Medical Institute, McGee Medicine, I have been allowed to experience hands-on learning in a state-of-the-art facility. I have spent time with high-risk pregnancies in the Mare and Foaling Unit, tend to bedridden foals in the Neonatal Intensive Care Unit, treat post-operation patients, and follow strict bio-security guidelines. Under the supervision of doctors, fellows, and senior technicians guided through the process of administering medications, writing charts, and following strict directions. I have learned an immense amount about medications, how to reconstitute medications, what they do, and how they work within the horse's body. My horse handling abilities have also advanced, as I have spent time working with foals, weanlings, yearlings, active racehorses, off the tracks, draft breeds, and senior horses.

My internship and time at Hagyard began at the start of the foaling season, January. Through my six-month placement, I will have completed 3, six-week rotations of the evening, night, and day shifts. Each shift has its own unique set of tasks and situations.



Professional Growth Goals

Learn how to successfully administer intermuscular and subcutaneous injections by the third week of my first rotation (February 6th).

Strategies: Ask to watch many senior technicians administer each type of injection. Learn how to avoid discomfort for the horse. Have senior technicians watch me administer each injection five times before I do it by myself.

Have a professional conversation with a client/horse owner by the end of my first rotation (March 6th).

Strategies: Listen to the senior technicians take phone calls and watch what they write. Follow along (when appropriate) for patient intakes and listen to the conversations. Understand protocols (by reading my employee handbook and paying close attention to trends) so that I can answer client questions accurately. Learn what questions to ask and what information is needed to answer them. Practice on my own and ask the senior technicians if I am asking/obtaining all information needed.

Properly hang/administer IV fluids and plasma on my own by the end of my second week of my first rotation (Feb 23rd).

Strategies: Ask to watch many senior technicians hang their fluid treatments. Learn how to prepare stickers and added needed medications to the plain fluids. Have senior technicians watch me properly hang my fluid treatments before I do it by myself. Learn how to prepare plasma treatments without wasting precious materials. Take my time and be patient with myself as I learn new things.

Shadow two different departments (Surgery ward and the ambulatory field care department) at the hospital by the end of my internship (June 28th).

Strategies: Show up to my position on time and ready to complete my tasks. Show that I am retaining information and that I am taking my position seriously. Reach out to others and ask questions about what they do and why they like it. Ask my manager how to begin the process of shadowing other departments.

Become familiar with common medications how they are used, why they are used, and what they do to the horse by the end of my internship (June 28th).

Strategies: Ask questions when I am presented with a new medication that I do not know. Write down medicines and look them up when I leave work. Use the provided literature to look up and read about medicines when I have completed my tasks. Pay close attention to trends and quantities that are prescribed. Try to recall information when I notice something familiar.

Abstract



Hagyard Equine Medical Institute is one of the largest and oldest private equine veterinary practices. The McGee Medicine, Davidson Surgery Center, Hagyard Sports Medicine, and Podiatry Center, ophthalmology, and ambulatory services. With 50 veterinarians, 141 years of operation, and a prime location in the heart of the Horse Capital of the World Hagyard is known for providing the utmost care and from Board Certifications in areas such as Medicine, Critical Care, Theriogenology, Ophthalmology, and Surgery.

Project Development/Issue Analysis

Presented for:
 Arrived March 1st, 2021 for colic -> exploratory abdominal surgery, large colon volvulus was corrected -> recovery, uterine horn prolapse -> deformed low white count and protein levels -> began passing diarrhea
 Treated with:

- Intravenous antimicrobials:**
- Penicillin G Potassium (treatment for streptococcal infections, distal infections, susceptible urinary tract infections)
 - Gentamicin (controls bacterial infections of the uterus)
 - Baytril (fluoroquinolone antibiotic)
- Pain management:**
- Butorphanol (opioid anti-inflammatory, relieves pain, swelling, and fevers)
 - Xylazine (relaxation of skeletal muscles)
 - Domosedan (non-narcotic sedative and analgesic)
- Prophylactic icing of feet:** improves blood circulation, reduces pain and swelling.
- Intravenous fluids:**
- PlasmaLyte Fluids
 - Pantothylamine (methyl-xanthine phosphodiesterase inhibitor with anti-inflammatory effects and immune regulatory properties. Also, improves blood flow and red blood cell deformability)
 - Vitamin C (antioxidant that protects suffering joints and muscles inflammation/damage, allergies and infectious diseases)
 - Calcium gluconate (used to treat calcium deficiencies or prevent calcium deficiencies)
 - Dextrose 50% (restores blood glucose levels)
 - Tavesol
 - Polymyxin B (used in post operation patients to fight against susceptible intestinal infections)
 - Regular (Foal immune/hypertensive) Plasma (used to treat West Nile virus encephalitis and Clostridium Botulinum infection)
 - Vetastarch 6% (A plasma volume substitute indicated for the treatment and prophylaxis of hypoproteinemia)
 - Lidocaine (a local anesthetic, provides systemic analgesia with given intravenously. Safe for use with patients with GI disturbances)
 - J-5 Plus Plasma
- Oral medications:**
- Gastralite (used to treat gastric ulcers and ulcers I the right dorsal colon in adult horses)
 - Revyve Digestive Support
 - Pentoxifyline Gel (treats endotoxemia, laminitis, navicular disease)
 - Equitone Gel (treatment for fecal toxicosis)
 - Resolvit Relieve Anti-diarrheal Paste

Evaluation of EQM Courses

When thinking about the EQM classes that I have taken over the past three years EQM: 106, 301, 305, 101, came to mind first.

- EQM 101: Intro to the Equine Industry - Dr. Heleski
 - Found that I love equine classes
 - Learning more about the basics of the industry
 - How to take notes
 - How to stay organized
- EQM 305: Equine Industry Issues - Dr. Heleski
 - How to write professional resumes and cover letters
 - Gain a more in-depth understanding of industry issues
 - Understand different perspectives of issues
 - The logistics behind issues
- EQM 106: Intro to Careers in the Equine Industry - Mrs. Robins
 - How to conduct myself in interviews
 - Host a guest speaker
 - Create professional growth plans and have a better understanding of planning in the future
- EQM 301: Thoroughbred Sales - Dr. Lawrence
 - In depth insight on the thoroughbred industry
 - How the thoroughbred industry functions in Lexington
 - The ability to talk with individuals that are involved in the industry
 - The different aspects of thoroughbred sales/the industry as a whole



MASK ONLY REMOVED FOR THESE PHOTOS

Professional Growth Outcomes

Throughout my internship, I have had the opportunity and support to achieve many of the goals that I have set for myself at the start of the placement. I am now confident in my abilities to hang and administer plasma and intravenous fluids, something that once made me nervous. The same applies for intermuscular injections and subcutaneous injections, I am confident, and I know the proper steps to take to successfully follow instructions. Through my case study, I have a better understanding of common medications and how they affect the horse when they are administered. At this point, I feel that I can ask the proper questions to clients about their patients for the doctors on their case to have the most updated and accurate information. All these skills have room for improvement, and I am looking forward to the next couple of weeks to refine my abilities and become more confident.

Acknowledgements

Mrs. Savannah Robin, for her professional advice and encouragement through my time at UK and the internship process. Dr. Bob Coleman has helped me sort through my prerequisites and stay on track so that I was able to be prepared for my internship. Jamie O'Flynn and Lynne Hewlett for the thoughtful preparation of Hagyard's Internship Program and for offering support whenever needed.

Without the help of these individuals, my internship process would not be a success and I would not have the confidence in myself to take on an adventure such as this!

Description of Responsibilities and Activities

During my time at Dr. Nielsen's Parasitology lab at the Maxwell H. Gluck Equine Research Center, some of my major responsibilities and activities included conducting fecal egg counts (FEC) using both the manual flotation technique and Parasight and learning to pick and count worms collected from the distal colon, ventral colon, and cecum. In addition, I assisted the research team on the necropsy floor when collecting these specimens. I also washed the research herd at Minnie Chance Equine Research Farm each week, where we handled new foals and trained our two yearlings in the herd. We also spent time with the mini horse herd, handling them and watching for foals.



No and one of the research foals and miniature foal stable area.

Professional Growth Goals

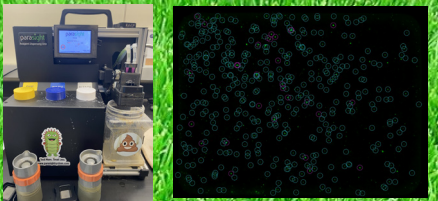
I pursued this internship because I have always wanted to work in a horse farm. I have never worked in the research side of the equine community. I was interested in applying the science I have learned from my equine science degree to make a difference in the equine community from a different perspective. I had never worked in a lab before, so this was an excellent opportunity for me to expand my wings and explore a unique career path. My SMART goals for this internship are listed below:

- Be able to accurately perform fecal egg cell counts and worm picking by the end of the semester.
- Fel comfortable handling the horses, miniatures, and foals by the end of the semester.
- Understand the importance of equine necropsies and how they are performed by the last necropsy.
- Gain experience developing and carrying out an individual parasitology research project by the end of the internship.
- Learn about the different types of equine parasites, their lifecycles, and be able to identify them.



Me using a microscope to manually count fecal egg counts. Example of Strongyle eggs collected in a red found in a fecal sample submitted using a microscop.

Abstract



This is an example of an image obtained from the Parasight machine from one of our fecal samples. The dots circled in blue are Strongyle eggs with characteristic J-shaped larvae and ascars.

The Gluck Center is a scientific institute devoted to scientific discovery and education in order to benefit the livelihood of all horses, and the parasitology department is no different. The parasitology lab conducts research studies using their own research herd as well as data from horse farms in the Lexington area. During my time in Dr. Nielsen's lab, I practiced horse handling and training, developed parasitology research skills, and learned about equine parasites. I particularly learned how to use a microscope to examine equine fecal samples and identify and count Strongyle parasite eggs. Later, I learned how to use a machine called Parasight which would automatically count Strongyle and Ascarid eggs in each sample. I also learned a research technique that would allow us to isolate the parasite eggs, harvest them, and determine which species were present in the population. During necropsies, I assisted Dr. Nielsen as we collected the worms. Afterwards, I would help the team sort through the samples and pick worms to be used in our research studies. Finally, I learned how to handle miniature horses and spent each week handling them and the newborn foals at the farm. In addition, I practiced training our two yearlings in being comfortable being walked and handled for their work. All the work that I did was simple in theory, but I really helped me expand my knowledge of the horse industry and the research industry, which I had never been before and

Issue Analysis

Horse Group	Fecal Egg Count Reduction (FECR)
Farm 3 Yearlings	91.2% (range 84% - 95.8%)
Farm 3 Mares	99.6% (range 97.4% - 100%)
Brookside Yearlings	99.4% (range 98.5% - 99.9%)
Brookside Mares	96.8% (range 82.84% - 100%)
Ashford Yearlings	99.8% (range 89.7% - 100%)

Fecal Egg Count Reduction Results of Common Farm

For my issue analysis, I studied the treatment efficacy of ivermectin and moxidectin in horses at Coolmore, a farm farm in Lexington, Kentucky. Coolmore submitted pre- and post-treatment fecal samples from their horses to be analyzed for small strongyle or oxyathostomum, parasite eggs. Using Parasight, a unique automatic FEC system developed by Dr. Nielsen, I determined the parasite fecal egg counts in over 300 mare and yearling samples on the day of anthelmintic or deworming, treatment and then again 14 days after the horses were treated. I could then conclude whether resistant parasites are present in their horse populations, indicating how well their deworming protocol has been working. The act of the research was a simple task in theory but found reliable data, affecting the actions of the farm as well as the research team at Gluck.

The results of my study are shown above. I calculated the fecal egg count reductions using a hierarchical Bayesian analysis when comparing the pre- and post-treatment fecal egg counts. An expected efficacy of no resistance would be 99.9%. These results show that while there was significant reduction in the herd, there is suspected resistance in all groups. Further steps need to be taken to slow resistance through various herd and pasture management steps and changes in dewormers.

Evaluation of EQM Courses

My undergraduate courses that prepared me the most for this internship were EQM 101, EQM 105, EQM 351, EQM 106, and EQM 490.

EQM 105: I learned horse handling skills and was able to apply these skills when handling the research herd EQM 351: I learned about common equine diseases and was introduced to equine parasites, then able to refine that knowledge through this internship. I was also able to apply my research and writing skills that I learned in EQM 351 to the lab.

EQM 101: I learned the basics of the equine industry, which made me feel comfortable tackling a professional internship.

EQM 106 and EQM 490: I learned to act as a professional when entering an internship and gain basic life skills.



Worm found on a horse kidney during a necropsy. Ascarid worms, commonly found in the small intestine of foals and yearlings.

Professional Growth Outcomes

- This internship exceeded my expectations for my professional goals, and I learned much about equine research and working in a lab setting. My growth outcomes are as follows:
- I now feel comfortable with basic lab equipment and procedures
 - I understand the behavior of mini, foals, and adult horses much better, and I can work with them accordingly.
 - Through participating in necropsies, I learned about the functions of the equine digestive tract, its uses in research, and the ethical means behind it.
 - I was able to conduct research pertaining to the treatment efficacy of ivermectin, and I spent most of my time collecting and evaluating data for this project.
 - I became very comfortable identifying strongyle and ascarid eggs, but there is potential for me to advance my knowledge of parasitic life cycles.
- There is always room for me to continue learning, and I am fortunate to be entering a field where I will have endless opportunities to grow my scientific knowledge and utilize the valuable things I have learned in this internship.



Acknowledgements

Special thanks to Dr. Martin Nielsen for being an incredible supervisor and always encouraging me to learn and ask questions. Thanks to Brooke Littman, who really helped me handle the poop washroom. And many thanks to Nichol, Jen, Constance, Alyssa, McKenzie, and Hollie for showing me so much and guiding me through the world of equine parasitology.

May Equine Science Review recap

By Holly Wiemers

The Equine Science Review: highlighting research and outreach efforts at the University of Kentucky is a monthly newsletter from the University of Kentucky College of Agriculture, Food and Environment that highlights the important equine work happening at the university. UK is home to world-class research and service excellence in equine health, safety, nutrition, pasture and forages, economics, engineering, environmental compliance and many others. Programs at UK offer the depth and breadth of scope fitting its location in the heart of horse country. Have updates delivered to your inbox each month by subscribing to the Review [here](#).

The May issue of the Equine Science Review is [online](#) or can be read in [Issuu](#). Some highlights of this issue include the launch of a racecourse certification program, new researcher joins the Gluck Center, UK develops real-time PCR assay and much more!

Stories this month include:

- [NTRA, UK and RSTL set June Launch for Racecourse Manager Certification Program](#)
- [Equine Innovators Podcast Features UK's Dr. Scott Stanley on Drug Testing in Racing and Competition](#)
- [Goehring Joins UK Gluck Equine Research Center Infectious Disease Research Group](#)
- [Gluck Center's Page, Horohov Co-author Lower Airway Inflammation Paper](#)
- [Science Sleuths: the Science that Shapes Diagnostic Tests: Getting the Target Right – Germ Theory](#)
- [UK Develops Real-time PCR Assay for Equine Rotavirus B Associated with Foal Diarrhea](#)
- [Short- and Long-term Effects of COVID-19 Restrictions on Equine Markets](#)
- [Panel Drafts Consensus Recommendations for Female Equestrian Health & Wellness](#)
- [Promising Developments in Quest to Prevent Catastrophic Racehorse Injuries; University of Kentucky Study Shows Association Between mRNA Biomarkers and Catastrophic Injuries in Thoroughbred Racehorses, a Positive Step Forward in the Development of a Pre-race Screening Tool](#)
- [Equine Safety and Yellow Buttercups](#)
- [UK's Emma Adam Featured in Rood & Riddle Equine Hospital's StallSide Podcast](#)
- [UK Ag Weather Center Provides Weather info for Farmers](#)



College of Agriculture,
Food and Environment

HIGHLIGHTING RESEARCH
AND OUTREACH EFFORTS AT
THE UNIVERSITY OF KENTUCKY

MAY 2021
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Community of practice formed

UK's Kristine Urschel recognized with outstanding achievement

Kristine Urschel, associate professor in the UK Department of Animal and Food Sciences and director of undergraduate studies for the Equine Science and Management undergraduate program, was recently recognized for outstanding achievement in the areas of research, teaching or extension relevant to the equine industry, including the discovery, dissemination or application of knowledge by the Equine Science Society and the American Society of Animal Science. She will be formally acknowledged with the award at the 2021 ASAS annual meeting July 14-18 in Louisville, Kentucky.



UK Ag Equine Programs intern Jacobs named a finalist for UK Intern of the Year



Winners of the University of Kentucky Intern of the Year and UK Employer of the Year awards were announced Thursday, May 6, in an evening Zoom ceremony coordinated by the James W. Stuckert Career Center and the Graham Office of Career Management at the Gatton College of Business and Economics. The annual awards recognize the achievements of students who have excelled in their internships over the past year, as well as honor the investment employers have made in UK students through opportunities, events and collaborations.

UK junior Lauren Hudson was named UK Intern of the Year. Hudson, a neuroscience and biology dual major from Edgewood, Kentucky, was honored for her internship work with Nathan Vanderford, assistant director for research at the Markey Cancer Center and assistant professor in the College of Medicine's Department of Toxicology and Cancer Biology.

UK also honored its student intern runners-up, including:

- Arizzona Albright (College of Agriculture, Food and Environment), Kentucky Interpreter and Translator Association (KITA)
- Chess Necessary (College of Engineering), SpaceTango
- **Sabrina Jacobs (College of Agriculture, Food and Environment), UK Ag Equine Programs**
- Shyla Horton (College of Social Work), Community Inspired Solutions

tions

- Thomas Daugherty (Gatton College of Business and Economics, Lewis Honors College), UK Athletics

University of Kentucky Eventing Team wins 2021 USEA Intercollegiate Eventing Championships

Sources: Modified news release from Virginia Horse Trials

Throughout the history of the USEA Intercollegiate Eventing Championships, the University of Kentucky has competed every year and fought hard for the Wildcats. On Sunday, UK earned its first championship title at the 2021 edition during the VHT International at the Virginia Horse Center in Lexington, Virginia.

A total of 105 entries, 29 teams and 15 schools competed for the championship title. UK brought eight teams – 32 riders – a record for the event.

The team of Cosby Green, Ivie Cullen-Dean, Caroline Dannemiller and Abbey O'Day posted a team score of 94.41, winning by just over 2.0 penalty points. Cullen-Dean finished second individually in Open Beginner Novice Horse with her brand-new ride Redfield Lorimer. Green won Training Horse A with McCreary, earning the team's best individual score of 30.0. Dannemiller and Fernhill Dreaming finished third in Modified B.



University of Kentucky celebrates a win for the Wildcats. Photo by Claire Kelley.

"I think this is the biggest team we've ever had," Cullen-Dean said. "It's just the best atmosphere. Walking up and down the aisle you're always saying good luck and have fun or they're saying it back to you."

When it came to how to best structure UK's eight teams, O'Day said, "We looked mostly over our records from last year to this year because this year we didn't get to come out a lot. We looked at the scores between each other and stacked our teams in certain ways so we could help each other the most."

Finishing second in the team competition was the University of Georgia Red Team. UGA brought two teams of three to the championships and both finished in the ribbons.

The 2022 Intercollegiate Championships will take place at Chattahoochee Hills in Fairburn, Georgia, before returning to VHT in 2023.

Final scores can be found [here](#).

More from the event can be found [here](#).

Shoutout to graduating and new Wildcat Wranglers

By Kristen Wilson

As we wrap up the Spring semester, we'd like to give a huge shoutout to our '20/'21 Wildcat Wrangler Team. All that they accomplished this past academic year is amazing. They have grown as a team and paved the way for new initiatives to happen for our current and future equine students amidst the pandemic and challenges we've faced this past year.

Some of their new initiatives include the UK Equine Week of Service, a virtual Experience Equine Week for future students and their families as well as the recent Day of Service at African Cemetery No. 2.

On May 3, we celebrated all of the accomplishments of our entire Wildcat Wrangler team this past year. We honored each of our Seniors with an engraved key chain listing their years of service to the team. Returning team members for next year also put together "paper plate awards" showcasing a strength of each of our graduating Seniors. All members received a wooden sign with the quote from Ralph Waldo Emerson, "Do not go where the path may lead, go instead where there is no path and then leave a trail," as this describes exactly what this team did during this challenging year. Finally, we recognized our new team members for the '21/'22 academic year.



We are forever thankful to our graduating Equine Science and Management Seniors who have served on our Wildcat Wrangler student leadership team. Many of these members have been part of the Wildcat Wrangler program since its start in Spring 2019. Others only served this past academic year, but both groups have left a lasting impact. They have all helped to build the framework for what the program will look like in the future.

Thank you to our graduating Seniors:

- Camille Camp
- Grace Camp
- Miranda Kunes
- Mackenzie Johnson – Lead Wrangler
- Ashlyn Justice
- Rachel Reed
- Mimi Richards

And additional team members:

- Margaret Babiarz
- Nick D'Amore
- Becca Geringer
- Ryn Harris

Meet our new team of Wildcat Wranglers!

WILDCAT WRANGLERS



Margaret Babiarz

What are your career aspirations?

Currently my career aspiration is to work in a breed association, but I am also interested in the finance side of organizations.

What is your reason for choosing to be part of the Wildcat Wrangler program?

Build confidence as a leader, learn how to plan and organize events, work with students within the program that I might not have a chance to have classes with and meet prospective students.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

Develop a team bond, go to industry events and do more student activities like we did this pass spring where we did a themed event each month.



Olivia Bryant

What are your career aspirations?

I am planning on working in the Thoroughbred industry being involved in equine health or equine sales. I am very passionate about the industry and I am looking forward to my future here in Central Kentucky.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I chose to be a part of this program because I wanted to help others with the same passions and aspirations as me find their place at the University of Kentucky and I want to be involved with others who share the same interests as me. I am also looking forward to participating in the service events we plan and helping to serve Central Kentucky.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

One of my goals for next year as a Wildcat Wrangler is to meet new people. I am looking forward to working with the other Wildcat Wranglers all year and I am excited to meet prospective students/new students and help them throughout the college process. Another goal of mine is to come up with more ways that we can extend our outreach to the University of Kentucky and the state of Kentucky to be able to educate and involve more people in the equine industry.



Charles Churchill

What are your career aspirations?

In 10 years, I hope to be working toward a director of racing position. I thoroughly enjoy the environment of the track and would love to learn more about the inner workings of organizing annual meets, structuring purses and parimutuel betting, and the handicapping process for races to determine appropriate races for individual horses.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I want to connect the future of the industry to the amazing opportunities that UK has to offer. I can speak from firsthand experience that navigating college can be extremely difficult, and programs like these assist students in a helpful way and allow them to have an older peer that can assist them with all of the parts of decision-making that can be stressful for a newcomer.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I would like to personally meet and help out 10-20 students who may be confused on what they want to do in the program. I would like to be responsible for at least 2 transfers from either another school or another major. I would love to be responsible for an event that allows me to showcase exactly what the program offers and how more people can get involved. If I knew the industry had so much potential, I would've been here from the start!"

WILDCAT WRANGLERS



Nick D'Amore

What are your career aspirations?

I would like to become a Lawyer.

What is your reason for choosing to be part of the Wildcat Wrangler program?

The leadership experience and giving back to the program

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

Take on new and uncomfortable challenges in regards to leadership and projects. Develop a sense of team spirit and comradery amongst the wranglers that was missing at the beginning of last year.



Daniel Deatruck

What are your career aspirations?

I want to have a career in the thoroughbred industry, and I am specifically interested in the sales side of the industry. I'd love to one day be a bloodstock agent.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I wanted to be an ambassador for the university and this program, and help prospective students discover the opportunities that this program and the industry have to offer.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I would like to meet new students and help them learn about the opportunities in this program and the equine industry, promote career development and social activities in the department and also enhance my leadership and communication skills.



Gabby DiLemme

What are your career aspirations?

I am so thankful to be part of the Equine Science and Management Program at UK. I know my classes and internship opportunities will not only prepare me for a career in the equine industry but help me to narrow down my specific career aspirations. Currently, I am excited about several career choices such as an equine veterinarian, veterinarian pharmaceutical sales, and different careers within the Thoroughbred industry.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I am so excited to work with other students in my program to promote the Equine Science and Management Program! I am proud of the program, classes, and opportunities that the program offers and I look forward to sharing that with prospective students. I also look forward to meeting more people within my program.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

One of my main goals for being a Wildcat Wrangler is to be a source of information for potential students and their families with the emphasis of recruiting them to this amazing program. A second goal I have is to learn leadership skills that will benefit me now and in my future career.

WILDCAT WRANGLERS



Emily Elkins

What are your career aspirations?

My goal is to be an Ambulatory Equine Veterinarian one day.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I joined the team because I want to encourage incoming students to join the equine science and management program and to give back to the program as it has given me so much.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I would like to help students in the Equine Programs network by planning fun and engaging activities with professionals in the field they are interested in. I would also like to share with other students the amazing opportunities that the equine science and management program has to offer!



Harrison Goode

What are your career aspirations?

I have too many...to Graduate!! Program for low-income or inner city kids to ride for free. Lead by example with better practices for show horse breeds. Coach a rider to an Equitation triple crown win. Win a world championship and world champion of champions title at Louisville (First black man to win WCC or WGC, not the WC though).

What is your reason for choosing to be part of the Wildcat Wrangler program?

The main reason I wanted to apply to be a Wildcat Wrangler is because if I was able to see someone like me at the University of Kentucky doing what I was trying to do when I was younger, my life would be completely different.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I want to reach the students of color. My first priority: interact with more American Saddlebred Organizations. I plan to help provide a wholesome experience for all students on campus.



Ryn Harris

What are your career aspirations?

I plan to work within the Thoroughbred Industry.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I enjoy planning and executing events for students.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I am looking forward to becoming more organized, helping new wranglers find the ropes and to make each event have a big impact.

WILDCAT WRANGLERS



Madelyn Leahey

What are your career aspirations?

I want to be an equine orthopedic surgeon and specialize in lameness/sports medicine.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I am incredibly passionate about both the school and the program and want to be able to help incoming students find a place that they excel in.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I can't wait to become a better leader in both small and larger group settings and also help students discover their goals both in the equine program and in the university.

Piper McGehee

What are your career aspirations?

Work somewhere where I'm interacting with both people and horses. I would love to have some kind of hands on work even if it is not everyday.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I'm excited to be apart of this program to become a better leader and to expand my knowledge in Kentucky's equine science and management program.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I would like to help come up with some beneficial volunteer service days and create many personal relationships with the other Wildcat Wranglers.

Maddie Moore

What are your career aspirations?

After attending Vet School, I hope to become an Equine Veterinarian.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I want to promote the equine program around campus and in the industry.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

While being a Wildcat Wrangler, I hope to get more leadership experience and network while meeting new people in the equine industry.

WILDCAT WRANGLERS



Olivia Nunez

What are your career aspirations?

I would love to be someone who educates, inspires, and leads within the equine industry.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I joined so I could share how awesome our major is!

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

I am looking forward to planning fun events, recruiting new students and connecting with industry leaders.



Isidra Powell

What are your career aspirations?

I would like to work on the management side, hopefully at a lesson barn that focuses on teaching kids how to ride.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I chose to be a part of the Wildcat Wrangler program because I wanted to encourage prospective students to come to UK while also helping immerse current students into the equine industry.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

Some goals I have for the next year as a Wildcat Wrangler include developing a good relationship with the team as well as the equine program staff and organizing events that help students get involved in the equine industry.



Jen Zimmerman

What are your career aspirations?

I've put a lot of thought into my career in the equine industry. There are so many options and paths to take. I really want to do something very hands-on with horses. I also love working horse camps over the summer. So, my career will most likely entail teaching people how to ride and teaching horses how to become versatile athletes.

What is your reason for choosing to be part of the Wildcat Wrangler program?

I wanted to get more involved with the College of Agriculture, especially UK Ag Equine Programs. I thought this was a great opportunity to gain leadership experience and make connections with other high achieving students in the Equine Program.

If you could identify 2-3 goals for your next year as a Wildcat Wrangler, what would they be?

My first goal is to get involved with prospective students. I want to build connections with future students and provide them with all the information they may need when picking a school and program that is right for them. Another goal I have is to embrace this opportunity. I want to step out of my comfort zone so I can build relationships with my peers, voice my ideas, and take part in our activities.

Congratulations to our Spring 2021 Dean's List!

SPRING 2021

DEAN'S LIST

Equine Science and Management

Abigail Allen	Olivia Bryant
Ariel Baldon	Kailey Bullock
Alex Barbatsoulis	Grace Camp
Sydney Barnett	Camille Camp
Grace Barrier	Kendall Carlson
Hannah Batchelor	Hailey Carroll
Abigail Bowles	Sydney Carter
Abigail Braese	Lacey Chestnut
Danielle Brewer	Charles Churchill


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Equine Science and Management

Kate Compton	Taylor Dorsey
Mary Dapolite	Monica Egnezzo
Kylie Daugherty	Emily Elkins
Sarah Davis	Megan Gache
Isabelle Davis	Samara Galbraith
William Deatrck	Mary Galus
John Del Secco	Melanie Gelernter
Naomi Dennison	Rebecca Geringer
Gabrielle DiLemme	Sierra Gibson

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DEAN'S LIST

Equine Science and Management

Marion Goff	Rebecca Hutchinson
Harrison Goode	Olivia Irwin
Mackenzie Grunden	Makayla James
Madelyn Hamilton	Emily Johnson
Margaret Harris	Ashlyn Justice
Margaret Heard	Kathryn Krause
Elisabeth Helmick	Miranda Kunes
Erinn Hewett	Harrison LeBlanc
Abigail Hudson	Averie Levanti

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Equine Science and Management

Haley Lietz	Sierra Orzech
Piper McGehee	Cameryn Oswald
Alyssa McGuire	Emily Paden
Kaitlyn Mize	Avery Page
Reagan Moore	Jayna Pellett
Briana Moreno	Isidra Powell
Taylor Nackers	Rachel Reed
Christiana Nash	Anabel Ricigliano
Maria Oachs	Margaret Rumbaugh

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SPRING 2021

DEAN'S LIST

Equine Science and Management

Alexandra Sharp	Grace Vazquez
Kari Sletten	Elizabeth Vejr
Miranda Slingerland	Madison Walker
Mackenzie Smith	Olivia Watson
Stephanie Smith	Marion Yingling
Hannah Smither	Jennifer Zimmerman
Brittany Sparks	
Nicholas Vaccarezza	

 College of Agriculture, Food and Environment



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