

CSU JOUSTING CLUB

NEW EQUESTRIAN SPORT ON THE RISE

STEWARDS: WHERE ARE THEY NOW?

GARRETT ASHBY

INTERNSHIP HIGHLIGHT

ANNIE BECKHAM

PROFESSOR SPOTLIGHT

DR. COLEMAN'S RESEARCH

CLUB OF THE ISSUE

RANCH HORSE TEAM: SILVER JUBILEE SHOW



EQUINE CONNECTION

Horse Judging Team Competes at APHA World Show

by Katie Feighner

The CSU Horse Judging team recently returned from a judging competition at the American Paint Horse World Show in Fort Worth, TX. This specific judging contest was a new competition, and included approximately 20 teams from across the country. For the CSU team, it was a valuable contest to compete in as it prepared the team for their next contest, which takes place in Ohio at the Quarter Horse Congress.



Horse Judging Team from left to right: Dillon Martin, Maddie Schoen, Katie Feighner, Kelsey Dawson, Lillian Esterl-Byrne, Michaela Bethard

Judging is a valuable skill to learn, and judging of any kind is based upon logic. The contestants are given eight different classes of four horses to judge. Once placed, the contestants must write a set of reasons which outlines why they placed the classes the way they did. The reasons must be committed to memory and then given to a reasons taker. Although a team, judging in a contest setting must be individual. Each individual score is factored into a total team score at the end. The individual must do well in placing the classes as well as talking about them to fully excel in the competition.

CSU did well, and the team is excited to travel to Quarter Horse Congress next to compete!

Stewards: Where are they now?

Garrett Ashby

By Lucia Ruppert

Former steward Garrett Ashby graduated in the spring of 2017 and is taking a gap year before he pursues vet school at Colorado State. Garrett is currently working at No Where But UP Performance Horses as an assistant trainer. No Where But UP specializes in Reined Cow Horse, Versatility Ranch Horse, Ranch Riding, and colt starting.



“I chose to do this after graduation because I have always been interested in the training aspect of the equine industry,” said Garrett. “What I didn’t realize was how beneficial it would be to my veterinary dreams. Working and training in the industry that I want to become a vet in has taught me more than I could imagine. I can now communicate and understand the people in this portion of the horse world much more professionally and with greater understanding.”

While working with Cody Crow and No Where But UP, Garrett has met a number of current vets who have consulted with him and offered him amazing opportunities. While Garrett still plans on applying to vet school in the

future (and has CSU as his number one favored choice), he is soaking up all the knowledge he can while working with Cody.

Garrett was introduced to Cody through connections and friendships made during his time here at CSU. Garrett originally met Cody through another former steward, Magdalena Arbes, after she suggested that Garrett complete his internship with Cody for the credit requirement. After completing the internship both Garrett and Magda stayed on to work with Cody while finishing up classes at CSU.

Keep an eye out for Garrett in the Fort Collins/Loveland area at Reined Cow Horse and Versatility Ranch Horse shows, or hopefully on campus after he gets accepted into CSU’s vet school. We can’t wait to see where Garrett goes from here!



Internship Highlight: Traveling Performance Horse Sports Medicine

By Annie Beckham

This summer, I had an internship working for Dr. Joe Carter, owner and founder of Oklahoma Equine Hospital. Dr. Carter focuses his practice on performance horse sports medicine and lameness. This internship was very unique because we travelled across the country treating horses at various ranches and performance horse shows. It was an amazing experience to see the different ranches across the country.

We visited ranches in California, Arizona, Oregon, Washington, Oklahoma, and Texas. As for shows, we worked the NRCHA Derby, NRHA Derby, and NCHA Summer Spectacular. My daily responsibilities for this internship included: assisting with lameness exams, shooting x-rays, setting up equipment (x-ray, ultrasound, and shockwave), scrubbing joints for injections, prepping hyvisc and sterile injections, and restraining horses for injections. Treatments included performing many lameness exams, nerve blocks, joint injections, acupuncture, and extracorporeal shockwave treatment.

When traveling to the major shows, Dr. Carter brings along the Oklahoma Equine Cold Saltwater Spa, which uses oxygen turbulation to make the water colder. I was also exposed to a various methods of regenerative medicine therapies such as: IRAP, PRP, stem cell therapy, acupuncture, and Extracorporeal Shockwave Treatment.

I thoroughly enjoyed this internship experience, and I found it very interesting learning how sports medicine can be used on the road to keep our champion equine athletes performing to the best of their ability.

Visit the Equine Sciences website, www.csuequine.com for more information on getting an internship.

Tips for landing an awesome internship:

- Make connections and take advantage of all networking opportunities. The people you meet can set you up with amazing opportunities.
- Be bold! You may never know who would let you intern with them unless you ask. If there is someone you really want to work for, don't be afraid to reach out to them.
- Be prepared to work hard! Most internships require long hours and lots of physical labor. However, the educational value of the experience makes the hard work worth it.



Annie Beckham, CSU Equine Science Senior

Professor Highlight: Dr. Coleman's Research

By Valerie Lindstrom

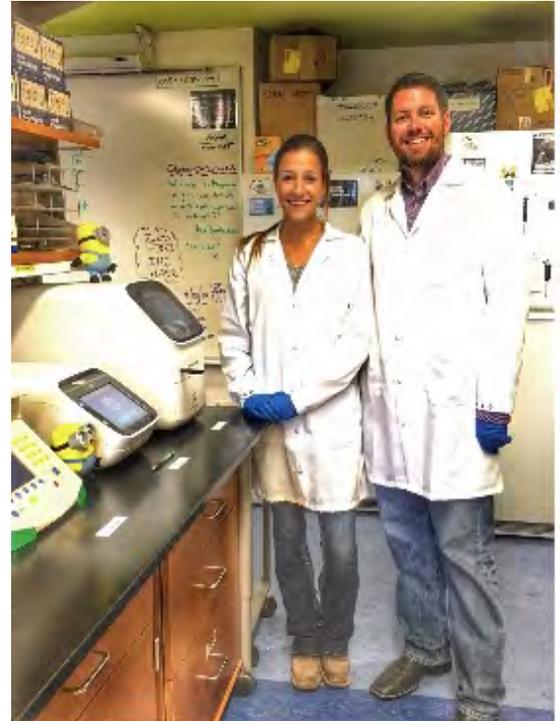
Here at Colorado State University, we have some very bright minds working on equine-related research projects. Research is a fundamental way to better understand how the world around us works; those who spend their time researching are driven by unanswered questions and seek to demonstrate greater understanding of the question at hand. They do so with sincere diligence. Among us are a few of those individuals involved in the Equine Sciences program.

Dr. Steven Coleman, an equine genetics professor, and graduate student, Kailee Reed, are two researchers working on equine genetics research here at CSU. Dr. Coleman studied at the University of Kentucky where he completed his graduate studies using molecular and cell biology techniques to further understand the equine protein-coding genes. He and his fellow colleagues were the first to apply next-generation sequencing technology in the horse. Following graduate school, Dr. Coleman completed his postdoc here at CSU and now runs the Equine Breeding and Genetics Lab on campus, where he and Kailee are completing their research.

Kailee's interest in genetics and research began at a young age, and Dr. Coleman's Equine Genetics course solidified her interest. Kailee describes research as a privilege; every day presents new challenges, but that is the excitement of it all. She hopes to become a research scientist either in a university or private setting.

Their current research project aims to broaden their understanding of the equine gastrointestinal tract (GI). "The goal of [our] project is to profile gene expression along the GI tract and identify modifications in response to changing environmental stimuli," Kailee said.

They're using functional genomic strategies and Real-Time Polymerase Chain Reaction (RT-PCR) technology to understand the regulatory mechanisms used by the horse. This can further develop their understanding of how the horse manages interactions with the environment. MicroRNA plays a key role in this experiment because of its importance as a regulator of protein-coding gene expressions. Dr. Coleman and Kailee hope to understand explicitly how these microRNAs may control microbial communities, and therefore provide new insights into digestive physiology and gastrointestinal health. Their research is the first of its kind and will be imperative for the improvement of equine nutrition and physiology.



Kailee Reed and Dr. Steven Coleman in the lab

CSU JOUSTING CLUB ON THE RISE

Try out a new equestrian sport

By Morgan Offutt

Medieval jousting may seem like a thing of the past, but the sport is still alive and well today. In fact, a local Fort Collins jousting troupe is seeking to start a CSU Jousting Club for those interested in learning a new equestrian discipline.

Kryssi Jeux Miller, captain of the Knights of the Tempest, has been trying to grow interest in the sport for several years. She is hoping that some of the numerous horse-loving students at CSU will be interested in improving their horsemanship skills in this challenging new sport.



Members of Knights of the Tempest training



Kryssi Jeux Miller riding with a sword in hand

Miller and her troupe competed at the Longs Peak Scottish-Irish Festival in Estes Park, Sept. 8-10. The Colorado State Horseman's Association volunteers at this event every year, assisting in the jousting tournament's arena.

Miller has big dreams for the future of the sport. "It's still a very small sport and there's so many different types of jousting, and it would be really great to see more standardization in the sport," Miller said. "I think that would bring in a lot more participation, and then we can take it to the Olympics."

The different types of jousting she is referring to include heavy armor, light armor, quintain, spear, and ring games. In heavy armor jousting, opponents gallop towards each other holding wooden lances and wearing full armor, and try to knock the other knight off their horse. In light armor jousting, competitors still wear armor and use wooden lances, but the goal is to mark your opponent at a specific place on their shield.

The focus here is on targeting rather than force. However, heavy armor jousting requires targeting accuracy in order to properly dismount the opponent. Quintain, spear, and ring games all require aim and accuracy, while maintaining balance and control on a galloping horse. These games are a great way to improve your balance and skills as a rider, and are fun and challenging.

One of the most important aspects of the sport is good horsemanship, according to Knights of the Tempest joustier, Bryan Connolly.

“It takes good horse, for one thing. And good horsemanship to go along with that,” said Connolly. “It’s one thing to hold a shield and a lance and aim, but if your horse isn’t cooperating, or you don’t know how to teach your horse to cooperate and actually enjoy jousting, you’re never gonna do well.”

If this sport sounds interesting, you may want to consider joining the CSU Jousting Club. The club is still building interest, but with enough participants, the club could really flourish as a new equestrian team. If you feel that your current riding routine is boring, or your horse needs a new job, this sport is a really fun way to change up your routine.



Miller competing at the 2016 Scotfest in Estes Park

Kryssi Jeux Miller would be the captain of the team, teaching lessons and clinics to club members and coaching them at competitions. The club would be based out of Oasis Equestrian Center, where Miller and her troupe are currently training. The club is working on having enough horses to provide for members, so you may not need to have your own horse. There would be club dues in order to pay for horses, equipment, and training, similar to polo club.

Jousting is an equestrian sport that can really improve balance and horsemanship, in addition to providing a new, fun, and challenging discipline to make anyone become a more skilled rider.

If you are interested in joining the CSU Jousting Club, please contact Kryssi Jeux Miller at kryssi.j.miller@gmail.com.

Visit the “Knights of the Tempest” Facebook page for information about upcoming Medieval Games Clinic dates with Miller’s troupe.

CLUB OF THE ISSUE:

Ranch Horse Team

By Haley Tankersley

Do you want to get involved with an awesome group of people who are just as passionate about horses and competition as you are? Then the CSU Ranch Horse Team is just what you are looking for! Whether you are a non-riding or riding member, there is something for everyone.

“Non-riding members are just as important as the members who have horses to practice on because they often do the most for the team when we host events,” said Hollie Schuetz, current team president.

The team has seen an overall growth in non-competing members joining and hopes to see that same trend continue on. Not only has there been growth in the team’s number of members, but also growth with a second coach. Cody Dawson is a horse trainer based in Wellington, CO, and was brought on to help be a second coach for the team. Cody shares in the coaching responsibilities and brings a new perspective to the team.

Hollie said the team has been invited to new shows and events that they haven’t participated in before, like the NRCHA Collegiate Invitational and being invited to volunteer at the AQHA World Show.

Every year students are encouraged to get involved on campus with the different organizations. “It doesn’t matter what major you are. You could be an English major and still be a member of our team. Whether you show or not everyone is welcome,” said John Snyder, the team’s advisor and coach.

Along with that, John shares similar thoughts about horses the members may have. “Some get intimidated because their Arabian Andalusian cross isn’t a bred-up cow horse,” said John. “They may not be as athletic, but that horse can still go where you point them. The goal is to make it more enjoyable for the student to ride.”

The team just finished their annual CSU Silver Jubilee Ranch Horse Show. This ranch riding and stock horse show is not only open to collegiate teams, but also to the public who want to compete or spectate. The festivities started on Friday, Oct. 13 with a riding clinic.



Ranch horse clinic participants on Friday, Oct. 14.

The Silver Jubilee Show kicked off on Saturday, Oct. 14 through Sunday, Oct. 15 at the B.W. Pickett Arena. The riding clinic was led by Kathleen McPhaul, where participants had the choice to take part in pleasure riding 1:00-3:00 p.m. or cattle work 3:00-5:00 p.m. at the Equine Center.

If you are interested in joining or learning more about the CSU Ranch Horse Team, they meet every Monday at 5:00 p.m. for riding practice in the Adams Atkinson Arena, and every Wednesday at 5:30 p.m. for a formal meeting in the B.W. Pickett Arena.

For more information, contact:

John Snyder, Advisor and Coach: john.snyder@colostate.edu

Hollie Schuetz, Team President: hollieschuetz@msn.com

Ranch Horse Team email: colostateranchhorseteam@gmail.com

Equine Science Stewards Travel to NRCHA Snaffle Bit Futurity

By Morgan Offutt

Over the weekend of Oct. 13-15, three Equine Science Stewards braved the heat in Fort Worth, TX in order to attend the NRCHA Snaffle Bit Futurity. Annie Beckham, Haley Tankersley, and Morgan Offutt went on the trip in order to promote the Equine Sciences and Legends of Ranching programs at an informational booth. It was also an educational experience to watch and learn about cow horse events.

The National Reined Cow Horse Association requires three different events, Cutting, Reining, and Rail Cow Work. We were able to watch the finals and see 25 different riders compete for the championship. Jake Gorrell won the Futurity aboard three-year-old Plain Catty. The finals were very high-energy and exciting.

Annie's close friend, Sarah Dawson, was one of two women to compete in the finals. The stewards got to spend time with the people of Dawson Performance Horses and make industry connections. The trip was only a brief two days, but it was filled with fun and education about the reined cow horse discipline within the industry.



Left to right: Annie Beckham, Morgan Offutt, and Haley Tankersley set up an informational booth to promote the Equine Sciences program and Legends of Ranching Program

Meet your 2017-2018 Equine Science Stewards!



Name: Annie Beckham / Year: Senior / Hometown: Paso Robles, CA
 Major/Minor: Equine Science Major; Agricultural Business Minor
 Career Aspirations: Equine breeding and reproduction representative
 Favorite thing about the Equine Science major: "I love the Equine Science community with the faculty and students, and I thoroughly enjoyed being a part of the Legends of Ranching Program."



Name: Ashley Baller / Year: Senior / Hometown: Parker, CO
 Major/Minor: Equine Science
 Career Aspirations: "Business/professional aspect of the equine industry. I want to use my Spanish to help mend the language barrier within the agricultural and equine industries."
 Favorite thing about the Equine Science major: "The program really feels like a family. All of the professors are always willing to go the extra mile and are fully invested in their students."



Name: Beth Smith / Year: Senior / Hometown: Bothell, WA
 Major/Minor: Equine Science Major; Agricultural Business Minor
 Career Aspirations: Dressage Trainer
 Favorite thing about the Equine Science major: "Being able to share my enthusiasm for the program."



Name: Dana E. Pugh / Year: Senior / Hometown: Holyoke, CO
 Major/Minor: Equine Science
 Career Aspirations: Veterinary Medicine
 Favorite thing about the Equine Science major: "Meeting the unique people of the equine industry."



Name: Haley Tankersley / Year: Senior / Hometown: Paradise, CA
 Major/Minor: Equine Science
 Career Aspirations: "Working for a breed or riding association, or possibly for a non-profit. I would also like to explore being a representative for the medical or tack industries."
 Favorite thing about the Equine Science major: "Being able to network with different people in the industry and getting the chance to travel to events and represent our program."



Name: Kelly Lynch / Year: Senior / Hometown: Broomfield, CO
 Major/Minor: Equine Science
 Career Aspirations: "I hope to get a Master's in Occupational therapy from Colorado State University and work with foster kids and kids within the prison system using hippotherapy."
 Favorite thing about the Equine Science major: "The exceptional education and the faculty. I also love all the opportunities and networking that is available to students."



Name: Maddy Pielage / Year: Senior / Hometown: Verona, MI
 Major/Minor: Equine Science
 Career Aspirations: Corporate side of veterinary medicine
 Favorite thing about the Equine Science major: "How diverse the opportunities are post-graduation. This major prepares you for just about any situation life throws at you. Its business oriented to pursue that path, but also plenty of science based knowledge to pursue."



Name: Hailey Davis / Year: Junior / Hometown: Denver, CO
 Major/Minor: Equine Science
 Career Aspirations: “My dream since I was 7 years old is to become an equine veterinarian”
 Favorite thing about the Equine Science major: “I love the smaller department because it allows me to get to know the professors better, and gives more hands-on opportunities.”



Name: Katie Feighner / Year: Junior / Hometown: Auburn, WA
 Major/Minor: Equine Science Major; Biomedical Science Minor
 Career Aspirations: Equine reproduction manager and graduate school
 Favorite thing about the Equine Science major: “How supportive the faculty and staff are in the program.”



Name: Lucia Ruppert / Year: Junior / Hometown: Norwalk, IA
 Major/Minor: Equine Science and Natural Resource Tourism Double Major; Business Minor
 Career Aspirations: “I hope to pursue the apparel side of the equine industry or go into photography.”
 Favorite thing about the Equine Science major: “I love how personal this major is. The majority of the professors are on a first name basis with you and want to do everything they can to help you, as long as you are willing to put the work in! It’s nice to be in a smaller community and know the majority of the people, as well as being on a large campus.”



Name: Valerie Lindstrom / Year: Junior / Hometown: Chinook, WA
 Major/Minor: Equine Science Major and Biomedical Science Minor
 Career Aspirations: Research involving equine nutrition and physiology
 Favorite thing about the Equine Science major: “The hands-on nature of our degree and having knowledgeable and accomplished professors to learn from.”



Name: Lillian Esterl-Bryne / Year: Sophomore / Hometown: Arvada, CO
 Major/Minor: Equine Science
 Career Aspirations: Equine Assisted Activities and Therapies instructor or working with a breed association
 Favorite thing about the Equine Science major: “Getting to promote the Equine Science program and meet new students.”



Name: Morgan Offutt / Year: Sophomore / Hometown: Arlington, TX
 Major/Minor: Equine Science Major; Technical and Science Communication and Business Minors
 Career Aspirations: Equine journalism and media or working with a breed association
 Favorite thing about the Equine Science major: “The opportunities and connections we are able to make with industry professionals.”

These Stewards have been selected to represent the Equine Sciences program and support students in the department. If you ever have questions, do not hesitate to ask any of the Stewards! We are happy to talk to you about our career aspirations, internship experiences, and about the Equine Science major.

Upcoming Event Schedule

Make sure you check out the upcoming events happening within the Equine Sciences department this semester!

Oct. 21: CSU Livestock Judging Contest

Oct. 27-29: Polo Match

Oct. 30: Pumpkins & Ponies Halloween Party

Nov. 3-5: CSU Tack Swap

Nov. 4: Jackpot Barrel Race

Nov. 10-12: Polo Match

Nov. 17-19: English Clinic

Nov. 23-24: Fall Recess - Offices Closed

Dec. 1: Equine Sciences Holiday Party

Dec. 2: Junior Swine Jackpot

Dec. 1-3: Polo Match

Dec. 9: Jackpot Barrel Race

Dec. 25-27: University Holiday - Offices Closed

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