

AG R E V

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Meet the Writers

The Ag Review is planned, written and designed by the agricultural communications class under the direction of Katelyn McCoy, instructor of agricultural communications at Missouri State University.



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The newsletter is available for viewing at ag.missouristate. edu/publications and issuu.com/mostateag.

The cover photo was taken by Olivia Jaco. Pictured is the silo at Baker's Acres. Read more about faculty research on page 7.

From the Dean



On December 15,2016 the Missouri State University Board of Governors voted to change the name of the William H. Darr School of Agriculture to the William H. Darr College of Agriculture. This decision was a culmination of years of unrelenting work carried out by dedicated faculty and staff who navigated the progression from a department, to a school, and finally to a college. By-in-large this journey was spearheaded by Dr. Anson Elliott, who retired in July 2016. The college will forever be appreciative of his service.

I began working at Missouri State University as the "new" Director of the William H. Darr School of Agriculture on August 1, 2016. With the name change to a college, other changes have ensued. For example, I have transitioned from Director to assume the role of Dean; academic units are transitioning to departments; and Unit Leaders are serving as Interim Department Heads. This is an exciting time for all of us. As a college our goals are to continue to work diligently toward increased student enrollment, expand academic programs (both undergraduate and graduate), enhance industry partnerships and collaboration with other agencies, secure additional resources in order to better support our academic programming, and cultivate a learning environment where our students can excel to compete with anyone anywhere across the globe.

In the past ten months I have had the pleasure of meeting so many great individuals, including donors, agriculture industry

leaders, MSU colleagues, students, collaborators, etc. I am grateful for this experience. It is a blessing to be a part of the future of the Missouri State University William H. Darr College of Agriculture. I look forward to many years of rewarding work and am inspired about our new beginning as a college.

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Darr School of Agriculture becomes College of Agriculture

By Brittney McBride and Dr. Anson Elliott

The Darr School of Agriculture transitioned to the Darr College of Agriculture on December 15, after a unanimous vote during the Missouri State University Board of Governors meeting.

While Agriculture classes have been offered since the formation of Missouri State University in 1906, it grew to become a Department in 1947. It first operated within the College of Science, then later in the College of Health and Applied Sciences, and finally in the College of Natural and Applied Sciences. In December 2009, the Department became the William H. Darr School of Agriculture and by summer 2011 it had matured to warrant reporting directly to the Provost, following the example of the other academic Colleges. During the next five years, the faculty and staff, (with Director, Dr. Anson Elliott who retired from the leadership role in July 2016), achieved dramatic growth in undergraduate and graduate student enrollment with corresponding faculty and staff and

educational facilities. The School of Agriculture also developed comprehensive academic units in animal science, environmental plant science and natural resources, and agricultural business, education and communications. Significant faculty grants, private donations and the development of an organizational framework mirroring a College was developed including protocols and committee structures.

During the many steps in transition to become a College, the Provost, Dr. Frank Einhellig, played an essential role in guidance and support. He also named Dr. Ronald Del Vecchio the new director of the School of Agriculture, who began his duties to replace Dr. Elliott, in August 2017. Dr Einhellig, with the help of Dr. Del Vecchio, presented the name change resolution to the Board of Governors.

"Having a College of Agriculture has greater prestige than a School of Agriculture," Einhellig said. "It is a significance of perception, one that I think was earned and it was time to make the change."

Results of being named the William H. Darr College of Agriculture include expansion of available master's degrees, a higher level of competition on the international level and increased national recognition. The change to a College also resulted in the formalization of the units to become departments with interim department heads: Animal Science: Dr. Gary Webb; Environmental Plant Science and Natural Resources: Dr. Chen-Feng Hwang; and Agricultural Business, Education, and Communications: Dr. Arbindra Rimal.

"It will be easier for us to let students know of the quality we have because of the college classification," Einhellig said. "That's also been the feedback from our donors."

With the change, Del Vecchio's title shifted from the director to the dean; however, his responsibilities remained very similar. He continues to focus on growth and development, both within our college and abroad.

"I think our international and national recognition is going to elevate and going to be much more in the forefront," Del Vecchio said. "We have students from all over the world who are looking at Missouri State."

Growth has
not plateaued
for the Missouri
State Darr College
of Agriculture.
"We are still
growing," Del
Vecchio said.



Photo courtesy of Katelyn McCoy

Darr College of Agriculture welcomes new dean

By Erika Cooperman



The Darr College of Agriculture welcomed Dr. Ronald Del Vecchio as its new dean on August 1.

Del Vecchio began his college career on the east coast, receiving a Bachelor of Science in animal science and veterinary science from the University of Rhode Island before moving on to Texas A&M to attain his master's and doctorate degrees in animal science. During his time at Texas A&M, he focused on research involving estrus

cycles of cattle. From there, he went to Virginia Tech, where he worked through a postdoctoral program in agricultural research and assisted teachers as a graduate assistant. Before making a home at Missouri State University, Del Vecchio served as a professor and head of the agriculture department at University of Minnesota-Crookston.

Del Vecchio has served as a student, a teacher, and has now set aside his love for research to oversee the thriving College of Agriculture as the dean.

"Work days are filled with meetings, positive meetings," Del Vecchio said, commenting on his day-to-day routine. "I spend a lot of my time talking with generous donors and addressing as many needs of students and teachers as I can."

Del Vecchio understands his job is all about, "creating the best possible experience for students."

He hopes to help expand, "already exceptional programs" such as the agricultural communications section of the College of Agriculture, and is a huge supporter of the new forestry program.

Looking to the future, Del Vecchio sees the College of Agriculture producing leaders and advocates for agriculture that can help build the bridge between the agricultural industry and environmental conservation.

"I hope that in the near future, agriculturists and conservationists can work together towards a more sustainable future," Del Vecchio said.

Moving forward, Del Vecchio hopes to expand some of the College of Agriculture's programs, specifically in the crop production and weed sciences.

"We are currently working to secure land donations to further expand those programs," Del Vecchio said.

Del Vecchio looks forward to the Darr College of Agriculture's bright future, and encourages everyone to look toward the future, even in times of worry and frustration.

"Don't get discouraged when things get tough - work through it, seek advice and never give up."

Photo courtesy of Missouri State University Photographic Services

New faculty and staff join the College of Agriculture

By Danni Hammontree

In 2016, the College of Agriculture added five new faculty members and one new staff member to their roster. In the spring, the College welcomed Nichole Busdieker-Jesse, Dr. Phillip Lancaster, and Dr. Sarah Lancaster. In the fall, the College welcomed Jeff Gettys, Katelyn McCoy, and Jennifer Morganthaler.

Gettys grew up in Houston, Missouri. After high school, he attended the University of Missouri-Columbia to play football, as well as earn a bachelor's degree in business management. As part of the College of Agriculture staff, Gettys is the coordinator of business management.

Gettys plans, organizes, and conducts business and support services for all extensions of the College of Agriculture. He came to Missouri State University from the Office of the Governor as project manager for the Department of Economic Development, and most recently the director of the southwest regional office for the Office of the Governor in Springfield.

"I love my job here at Missouri State and I am looking forward to the following years," Gettys said.



Photos courtesy of Missouri State University Photographic Services



The husband and wife duo of Dr. Sarah and Dr. Phillip Lancaster found a home at Missouri State. Sarah earned her undergraduate degree from the University of Missouri-Columbia and a master's from North Carolina State in crop science. Phillip earned his undergraduate degree from Western Illinois University and a master's from the University of Missouri-Columbia in animal science. Both continued their education by receiving doctorates from Texas A&M University.

Sarah and Phillip both taught and conducted research at Oklahoma State University and the University of Florida before coming to the College of Agriculture. Missouri State was an easy choice for the two, because they would be closer to family, as well as work together.

Phillip teaches undergraduate and graduate level classes such as animal nutrition, animal breeding, cow calf production, and stocker feedlot cattle production. He



is also one of the advisors for the Missouri State. Collegiate Cattlemen's Association.

Phillip wants students to have, "The ability to be successful at managing all aspects of a beef operation."

"It's growing and that's exciting," Phillip said when discussing the agriculture program as a whole. "There's a lot of potential here in the College of Agriculture."

Sarah currently teaches food security, integrated pest management and senior seminar.

"I want my students to know more when they leave, than they did when they came in," Sarah said.

With more students taking an interest in agronomical row crops, which is also part of Sarah's background, she wants to, "enhance that part of the curriculum."

"I'm looking forward to being a part of the program," Sarah said. "I want students to know that if my door isn't physically open, metaphorically my door is always open."

Jennifer Morganthaler grew up on a fourth-generation cattle farm in Bois D'Arc, Missouri. Morganthaler grew up with a wellrounded agriculture background, but chose to attend college in southern Illinois to study accounting.

"After several years of working in accounting, I decided to return home to my roots and to agriculture," Morangthaler said.

After graduating from Missouri State University with a Bachelor of Science in environmental plant science with an emphasis in horticulture in 2014, she received her master's in plant science in the spring of 2016. Morganthaler is currently putting together a new course in high tunnel crop production as well as teaching landscape plants. She is located at the State Fruit Experiment Station in Mountain Grove, Missouri, and manages the fruit and nut orchards there.

"I want to share my knowledge and passion for horticulture with my students in a way that encourages them to always keep asking questions and never stop learning," Morganthaler said.





Katelyn McCoy received her undergraduate degree in agricultural communications from Missouri State University, and then a Master of Natural and Applied Science in agriculture.

"I've spent my entire adult life at Missouri State," McCoy said. "It fuels my passion for this place."

McCoy currently teaches agricultural communications, business agricultural communications, and public relations in agriculture. She is also the new advisor for agricultural communications majors. As a first-year teacher, McCoy has big goals for the program.

"My first goal is to expand the ag com program," McCoy said. "Something that makes me excited about ag communications is that it's a versatile field, and you're not always doing the same thing."

McCoy wants to, "Give the best education that students deserve," every day she teaches. "I want to be able to facilitate the information and give them (students) experiences so they walk out of here better than they walked in."



Nichole Busdieker-Jesse was raised in St. Charles County, Missouri. After graduating from Warren County R-III High School, she attended the University of Missouri-Columbia. Busdieker-Jesse received two bachelor's degrees in agricultural economics and agricultural journalism. Postgraduation, she worked multiple jobs but decided to return to school to attain a master's in agricultural and applied economics.

Busdieker-Jesse teaches farm business management, agricultural entrepreneurship, american agricultural policy as well as co-advises Delta Tau Alpha.

"My one goal is to show the students that I care that they are learning the content of the course and applications, outside of the classroom," Busdieker-Jesse said. "I care about what they are learning or not learning as the case may be, and will give them the tools to help it click."

The new faculty and staff of the Darr College of Agriculture join a team of people who are committed to student success. "The whole Darr College of Agriculture cares about the students, from the staff, to the faculty and work together to support the students of the school. It is nice to be part of a family like that," Busdieker-Jesse said.

Faculty spearhead research projects

By Brianna Dawkins



Bears throughout the College of Agriculture are working hard on unique research projects. Led by outstanding and educated professors, students gain more from their collegiate experience by being involved with an intensive project related to their future career. Several projects are underway in the areas of plant physiology and nutrition, forage crops, quality grape and wine production, beef cattle research, food security improvement, and more.

Dr. Melissa Remley, assistant professor of environmental plant science, is currently working with three different projects. Their main focus is evaluating phosphorous levels in the soil of forage crops, and how it impacts the growth and leaf nutrients in the leaves.

The first project started in the spring of 2014, and involves improving year-round forage quantity and quality using phosphorus fertilization in tall fescue-based pastures. One of Remley's graduate students, Cheyenne Arthur, conducts the research and will continue to monitor until spring 2017.

Colin Hill, another plant science graduate student, leads the second

project which studies the impacts of phosphorus nutrition on mineral content of hydroponically and field grow in winter annual forage grasses. The project started in the fall of 2015 at Shealy Farm. Winter wheat, oats and barley were planted, and given phosphorous fertilization treatments. In the spring of 2016, the plants were harvested and tested for the yield, forage nutrient content, and quality. Dr. Will McClain also assists with this project.

Jerri Lynn Dodson, a third graduate student of Remley's, has been growing wheat, oats and rye hydroponically with varying phosphorus levels. Dodson analyzes and measures the shoot and root growth, photosynthetic rates and leaf nutrient contents.

Dr. Wenping Qiu, research professor and director of the Center for Grapevine Biotechnology, is also involved with multiple projects. Two of the projects involve a collaborative study on epidemics and the transmission of grapevine vein clearing virus in Missouri vineyards, and evaluating seven new grape varieties from the cross of Norton and Cabernet Sauvignon.

Dr. Phillip Lancaster, assistant

professor in beef cattle production, leads the way on four projects this year. Lancaster says the most significant project is the effect of different sources of nutrients on nutrient cycling in grazing systems, which is headed by Dr. Sarah Lancaster. Dr. Sarah Lancaster, Dr. Phillip Lancaster, Dr. Will McClain, and Ms. Nicole Busdieker-Jesse received a \$300,000 USDA grant to determine the fertilizer replacement value of feed when cattle are finished on pasture over a three year period.

"The current project will be the first to determine the fertilizer replacement value of feed in finishing cattle fed large amounts of feed on pasture," Phillip Lancaster said.

Dr. Benjamin Onyango, associate professor in agribusiness, guides students in one project involving making improvements in food security of meat goat production through avenues of marketing and various forms of outreach.

"It will develop strategies to contribute to rural development by enhancing methods of income generation avenues to rural stakeholders in Missouri, Georgia and Arkansas. The intended beneficiaries are goat producers, processors and consumers. Inevitably, the project will expand meat goat production thereby raising producer revenues," Onyango said.

These in depth and innovative projects are only some of the research opportunities happening in the College of Agriculture. Missouri State University's agriculture program allows its students to explore different avenues of research and growth in their desired field through the commitment and passion of their professors and the opportunities they provide.

Photo courtesy of Justin Sissel

Congressman Long visits College of Agriculture

By Anna Roth and Ella Snelson

The annual Welcome Back BBQ took place at the beginning of the fall semester to greet faculty and students back to the university. This event is used to showcase the organizations within the College of Agriculture, and allow students to reunite after summer break.

Congressman Billy Long, Representative of the 7th District of Missouri, addressed students at this year's barbecue.

According to his website biography, Long was a real estate broker and an auctioneer in Springfield for over 30 years, as well as a radio talk show host from 1999-2006 on KWTO AM560. Congressman Long is a part of the House Energy and

Commerce Committee, while also serving on three subcommittees; Communications and Technology, Energy and Power, and Health.

Before Congressman Long spoke, students and faculty joined together to partake in a meal and welcome faculty and students back to school from summer break.

Attendees heard from Assistant to the Dean Jim Bellis, and from the dean of the College of Agriculture, Dr. Ron Del Vecchio. Students were also able to ask Congressman Long questions in a Q&A portion of the event.

"It's always great to see congressmen concerned and passionate about improving agriculture in [Southwest] Missouri, and to see them take time out of their busy schedule to tell us about what they have been working on," said Courtney Hall, senior agricultural communications major from Creighton, Missouri.

Senator Claire McCaskill toured Missouri State University facilities and spoke about current issues in the U.S. Senate concerning agriculture, as well as hosting a Q&A with the students at the 2015 barbecue.

This year's Welcome Back BBQ with Congressman Billy Long was not only enjoyable for faculty and students, but informational as well. With a track record of excellent speakers, the College of Agriculture's Welcome Back BBQ should continue to be successful in coming years.

Dr. Michael Burton announced as Provost Fellow for Public Affairs

By Mackenzie Nichting

Missouri State University's Office of the Provost annually selects a candidate as the Provost Fellow for the Public Affairs Conference for the upcoming school year. Dr. Michael Burton, professor of agriculture in the Darr College of Agriculture, was chosen as Provost Fellow for Public Affairs for the 2017-2018 school year.

Burton teaches courses specializing in soil and crop science, soil conservation and water management, grain and forage crops, as well as soil and crop management.

As Provost Fellow, Burton will be in charge of advocating the public affairs mission as well as spearhead the Public Affairs Conference in 2018. The theme for the 2017-2018 conference is Sustainability in Practice: Consensus and Consequence.

"I thought it would be a good

opportunity to have some input and try to shift the focus to what the data actually says, and what are the facts and hopefully find the facts. If we are going to find any consensus about what directions we need to take in terms of sustainability, that consensus ought be based on facts rather than imagination."

Students and faculty can get involved with next year's public affairs by participating in events throughout the 2017-2018 school year, such as attending presentations held by speakers who put the public affairs mission into practice. In the spring semester, students will be encouraged to partake in public affairs week, and other events throughout the year.

"I encourage students and faculty to go to these events," Burton said. "I believe that getting involved as much as possible will really be an eye-opening experience."

During the conference, Burton hopes to foster collaboration from all departments within Missouri State rather than see centralized focus on their areas of study. He hopes that the conference will allow students, faculty and staff to better understand the importance of sustainability and the effects it has on our natural resources and economy.

"What I hope that we can do is to think more comprehensively," Burton said. "If we can convince people to think more comprehensively and consider more than one dimension of what they might consider sustainability to be described by, then we will have accomplished something."

Next year's Public Affairs Conference will be at Missouri State University in April 2018.

College of Agriculture hosts third annual Career Fair and Industry Event

By Olivia Loges



Photo courtesy of Katelyn McCoy

The College of Agriculture hosted their third annual Career Fair and Industry Event on September 20 and 21. Present were 23 vendors and companies, which increased from 19 in 2015. The Career Fair is an opportunity for students interested in agriculture-related jobs and internships to explore their options within the agricultural industry. Examples of attendees include: FCS Financial, Livestock Marketing Association, ADM, Farm Bureau, and the Peace Corps.

On the first day, representatives introduced their companies by giving presentations to agriculture classes. Students were able to ask further questions and find out more information in preparation for the second portion of the Career Fair.

When talking about the challenges she faced when planning

the Career Fair, agricultural communications instructor and Career Fair organizer, Katelyn McCoy said, "probably the biggest challenge I face with the Career Fair is making sure everyone is taken care of. Definitely this year, making sure that we find those companies that can play multiple roles within agriculture to suit students' needs."

Freshmen agriculture students were required to go to the Career Fair to make connections with future employers, and to get their foot in the door for internship opportunities. Instructors used class time to help them perfect their resumes, while also teaching professional skills such as how to introduce themselves to employers.

"I think my favorite thing was just being able to directly communicate and interact with the people that I will probably be working for someday," said freshman agricultural communications major Libby Glaser from Owensville, Missouri.

Helping students find future careers and opportunities that fit their interests and passions is what the Career Fair is all about.

"I hope students see the value in it, and that making those connections early is important, even if going over there isn't in their comfort zone. Getting that experience and being able to talk to employers is a valuable skill that you're going to be able to use as you go into your selected field of choice," McCoy said.

McCoy said the 4th annual career fair will be held during the 2017 fall semester. She hopes to have more companies and even more students attend to keep the Career Fair growing for future years.

Missouri State University organizes Journagan Ranch Futurity Show and Production Sale

By Hannah Miller



Photo courtesy of Mike Klem

The sixth annual Journagan Ranch Futurity Show took place at Pinegar Arena on September 30. Seven exhibitors from across Missouri, Illinois, and Arkansas exhibited 11 Hereford cattle.

The Futurity Show is an extension of the Journagan Ranch Sale, held annually in October. The show, held the evening before the sale, gives prospective buyers a preview of cattle to be sold the following day.

According to Justin Sissel, Beef Operations Manager at Missouri State University, this was one of the best shows they have had.

"Each exhibitor received \$250 in sale credit per head that they brought back from last year's sale," Sissel said. "The grand champion received an additional \$1,000, and the reserve received \$500 additional in sale credit."

Exhibitors were able to use sale credit the following day, at the 25th annual Journagan Ranch Sale on October 1.

Futurity grand champion was awarded to Makayla Reynolds from Huntsville, Missouri, and Ben Miller from Ullin, Illinois, won reserve champion.

Many dedicated faculty, staff, and students worked extra hours during the week preceding the show and sale in order to ensure it was the best it could be.

Ranch staff started working towards this year's sale the day after the 2015 sale, and have already started working on the 26th annual Journagan Ranch Sale.

"We appreciate the efforts and hard work from Dr. Anson Elliott, Justin Sissel, all of our ranch staff, and all of our dedicated students," said Marty Lueck, Journagan Ranch Manager.

Buyers were able to view the Journagan Ranch Sale cattle online, as well as in the sale catalog weeks before the auction.

Cattle in Motion, a cattle marketing firm located in Bryan, Texas, ran the online portion of the auction, as well as did videography and designed the sale catalog prior to the sale.

Thirty-five lots of bulls, and 69 lots of heifers and cows were sold at an average of \$3,375 per head, and gross profit totaling \$351,000.

The 25th annual sale showcased Missouri State University's top notch cattle up for sale. Next year's Journagan Ranch Futurity Show and the Journagan Ranch Sale is expected to be even bigger and better than before.

College of Agriculture hosts annual Alumni and Friends Celebration

By Nicolas Matheney

Missouri State University College of Agriculture alumni gathered at the Bond Learning Center to attend the annual MSU Ag Celebration with Alumni and Friends on October 15. Events for the evening included dinner, socializing and an auction to help raise money for scholarships dedicated to agriculture students.

This year was recorded as the largest turnout ever, with over 225 alumni in attendance. Missouri Department of Agriculture Director Richard Fordyce, as well as other prestigious members of the MSU community were in attendance.

"I had a great time at the alumni banquet," said Justin Mauss, 2015 agricultural education graduate from Bois D'Arc, Missouri. "It was great getting to catch up with old friends and professors. The atmosphere is everything that you would expect from a group of ag alumni, exciting and welcoming. I would recommend for all College of Ag alumni to make plans for attending future banquets."

Christi Sudbrock, instructor of agricultural business and coordinator of outreach for the College of Agriculture doubled as an alumni attendee and faculty representative on the event committee.

"As an alumnus, I am really proud of the work we do," Sudbrock said. "One of the things I missed before working here, was the connection to a place that I loved."

At this year's event, the College of Agriculture had the honor of introducing the new dean of the Darr College of Agriculture, Dr. Ron Del Vecchio. Del Vecchio welcomed guests and shared his vision for the future.

The funds raised this year brought the fundraising total

to \$25,000, accumulated over the past four years. Donations are put into a fund and the interest will be used for student scholarships for years to come.

In addition to community and alumni donations, clubs and organizations from the College of Agriculture created baskets to be auctioned off with the proceeds going to the scholarship fund. The winning basket was created by Block and Bridle, who received half of the money raised by their donation to help support their organization.

As students become alumni, hopefully they return to their alma mater for celebrations to reminisce and reconnect with friends and school.

The 2017 Ag Celebration with Alumni and Friends is October 28.



Photo courtesy of Mike Klem

College of Agriculture partners with Ningxia University for another year

By Erika Cooperman

Missouri State University is known for broadening horizons of students from every type of background, whether they grew up in a small country town or a large international city. Missouri State encourages students to follow its public affairs mission, which includes three pillars: ethical leadership, cultural competence, and community engagement.

Missouri State's College of Agriculture has been living out the cultural competence pillar through study away trips that focus on students engaging themselves in international agriculture. In addition to trips that take students all over the globe, the College of Agriculture also hosts a partnership between Ningxia University and Missouri State.

The partnership is oversteered by the International Leadership and Training Center (ILTC). According to Hunter Klie, program specialist at the ILTC, the "mission of the ILTC is to provide customized training

in specific academic areas or certain business industries."

The Missouri State program brings international students to Springfield, Missouri, in hopes of enhancing the knowledge of industries that some international students or business professionals might not get in their home countries. The ILTC offers academic credit on top of practical training through business tours and integration in American culture, which follows the ILTC's three pillars: academic training, cultural integration, and practical training.

For over 10 years, students and faculty from the

Ningxia University have traveled to Missouri State to gain agricultural experience and learn more from the College of Agriculture.

"The partnership has been continuing for a while, and each year more and more of their [Ningxia University] students receive leadership training," Klie said.

Students primarily receive training in animal science, agronomy, viticulture and winemaking. They also gain knowledge from touring Missouri agricultural businesses, including Missouri State's own State Fruit Experimentation Station and Journagan Ranch.

Feng Zhou, a Ningxia University student studying winemaking, says he came to Missouri State with a curiosity how American agriculture works within the American culture. Zhou said he, "believes the way his home city handles winemaking is backward and came to study in America in hopes to gather more knowledge to take home."

Zhou believes he will be able to accomplish this very easily,

complementing the College of Agriculture on giving students the ability of first hand experience in the field, and then smoothly combining that experience with practical theory in the classroom - whereas at Ningxia University students rarely have the opportunity to study in the actual vineyard.

Wenshu Ma, a horticulture major from Ningxia University, had the same hopes in mind when she traveled to Missouri State. Ma said she looked forward to experiencing, "the colorful American culture," and has not been disappointed. Ma is impressed with Springfield's farm mechanization management, noting how widespread it is compared to Ningxia's.

Through the partnership with Ningxia University, Chinese and American students gain experience from both cultures simply by the Chinese students studying at Missouri State. The College of Agriculture hopes to continue this relationship for years to come.



Photo courtesy of Mike Klem

State FFA officer finds her place at Missouri State University

By Lena Alsup



Sixteen FFA members serve on the Missouri FFA State Officer team annually, and Missouri State University is fortunate enough to have one officer make it her home. Macey Hurst, sophomore agricultural communications and agricultural business: marketing and sales major, from Meta, Missouri, is the 2016-2017 Area 14 State FFA Vice President.

Along with being a double major, she is also pre-law and working toward a minor in Spanish. Hurst says growing up on her family farm has always influenced her decisions when it comes to her career choices.

Hurst's high school career revolved around FFA and due to her successes in the program, she decided to run for a state office. "I wanted to be that support person for the kids that experienced the same thing," Hurst said.

Being a state officer, you have many duties throughout the year. It is no easy task, and deals with long hours, trips to schools and talking with every high school FFA member possible.

"I have had so many opportunities to meet with the people and serve and help others," Hurst said, "But I have also been able to grow myself. It's great to see how everything works and the members are my favorite part. They inspire me."

In high school, Hurst attended both

the Missouri FFA State Convention and National FFA Convention.

The experiences as a high school student are different when you witness them as a state officer, especially national convention.

"In high school, you go to enjoy and meet people and explore the expo," she said, "but as an officer, you get to be part of the delegate and leadership activities. You get a better understanding of how the national level works."

This opportunity has also allowed her

to realize how much she's grown since she was in their shoes.

"I love seeing how passionate they are and the effort they put into everything," Hurst said, "even the ones that aren't passionate at first but soon become that way. The members are what I have enjoyed and are my favorite part to help and watch grow."

As April draws near, Hurst's term will come to an end, but her passion will still burn strong. Staying involved with FFA and the members is something she wants to always do.

"I want to make sure I do what is best for the association," Hurst said. "I want to stay involved with FFA and the youth in agriculture in whatever ways possible. After my term, I will be spending more time pursuing a career in agricultural communications and building onto my cow-calf herd."

Photos courtesy of Anna Roth and Macey Hurst



Residence Life and College of Agriculture launch LLC

By Ella Snelson



Photo courtesy of Ella Snelson

Missouri State University Residence Life, Housing and Dining Services created an Agriculture Living Learning Community in Freudenberger House beginning August 2016. Living Learning Communities connect first-year students who have similar majors, interests and career goals by offering on-campus housing with a floor dedicated to a specific interest or area of study.

"I chose to live on the Agriculture LLC because I wanted to be around people who had the same interests

as me," said Kara Berrey, Agriculture LLC resident and agricultural education major from Carrollton, Missouri.

The women's wing is supervised by Resident

Assistant Julia Probst and the men's wing is overseen by Resident Assistant Trevor Hammond.

"Our LLC is different from others because we have

been deemed one of the fastest communities on campus, meaning people make connections faster on our floors," Probst said.

Due to students being the same age and having similar majors, many are enrolled in the same courses.

"When we wake up in the morning, there is typically a big group of people that all walk to class together, since we are taking the same ones, said Kelly Greene, Agriculture LLC resident and agricultural business major from Lubbock, Texas. A lot of us are

them opportunities to bond.

"Sometimes we all go as a group to eat together in the dining hall, we have taken tours of the major agricultural buildings, we make crafts, we watch movies, and we go get coffee together," Probst said.

According to Greene and Berrey, the LLC not only eases the transition to college easier, but also gives opportunity to make lasting friendships.

"I am so glad that I did chose to live here, because I have made so many new friends and all of

us get along really well," Berrey said.

"I have already found lifelong friends and living on the Ag LLC is one of my favorite things

about college," Greene said.

For more information on the Ag LLC, visit https://reslife.missouristate.edu/livinglearning.

"I chose to live on the Agriculture LLC because I wanted to be around people who had the same interests as me." -Kara Berrey

also able to study for the same classes together, which is nice."

Throughout the semester, the resident assistants plan events for their residents to give

BearFit classes expand to the Bond Center

By Danni Hammontree

In the spring of 2016, the BearFit program expanded to the Bond Learning Center in hopes of allowing convenience to agriculture faculty, staff and students.

BearFit classes are typically held at the Foster Recreation Center on the main Missouri State University campus. Faculty and students with classes at the Bond Learning Center often spend ample amounts of time tucked away miles from main campus.

"It's hard to get over to the Rec Center and do the BearFit classes," said Carrie Crews, administrative assistant for the College of Agriculture.

Often times a group of faculty, staff and students would take a walk around the barn, or even turn an exercise video on in the ballroom, just to get up and moving.

After voicing her BearFit Bond idea in a campus committee meeting which included Galen Martin, associate director of campus recreation, Crews and Martin discussed launching the satellite program of BearFit Bond.

Martin helped connect Crews to Teresa Brandenburg, assistant director of campus recreationfitness and wellness, in order to get the ball rolling on the program.

"The reason why we wanted to start the BearFit Bond, is to increase their strengths and abilities and what they do on a daily basis at the farm," Brandenburg said.

BearFit is an opportunity for people to exercise with the convenience of an instructor coming to a more centralized, familiar location. BearFit Bond now has two instructors, who change up the activities each class. Savannah Stanley, agricultural communications major from Ojai, California, and Micaela Wiehe, global studies major from West Plains, Missouri, are the two instructors assigned to BearFit Bond.

"My goal is to never have the participants do the same workout," Stanley said. "In my class we do a lot of HIIT (High Intensity Interval Training) which means we do our workouts quick with fewer breaks and we push hard. I want my students to be able to use their muscles and strength they gain from my classes to be better in their everyday life activities."

This program is not only an opportunity for physical activities, but for participants to bond with one another as well as reach personal goals, create a healthier lifestyle and try something new.

"Every shape, size, and physical ability joins us for BearFit," Crews said. "For me, it helps me be a better mom. I have two little kids and it's very important to me to stay around for them, but also not take that precious time I have with them in the evenings or mornings to work out."

Raysha Tate, animal science and agricultural business major from

Meadville, Missouri, said having classes within the College of Agriculture helps her incorporate exercise in her schedule.

"I like going to BearFit Bond because it's convenient; It's after I get out of classes, but early enough that it does not conflict with any of my meetings," Tate said.

BearFit Bond classes are one hour every Monday and Thursday at 4:30 p.m., and on Wednesdays at 4 p.m. Pricing may be found under the BearFit section on the Missouri State University web page.



Photo courtesy of Danni Hammontree

Students travel to show Missouri State University cattle

By Hannah Miller



Photo courtesty of Lena Alsup

The Missouri State University College of Agriculture was well represented throughout the year at multiple fairs in the state of Missouri, as well as around the country.

In January, the Stock Show Team represented Missouri State at the National Western Stock Show in Denver, Colorado. The team's junior yearling heifers won their class and division in the pen show. While in Denver, one of the university's heifers sold for \$14,000 and another one sold for \$8,500 at the National Hereford Sale on the Mile High Night.

"Taking university cattle to stock shows is not all about winning. It is about taking production cattle and doing well in the show ring," said Justin Sissel, Farm Operations Manager and supervisor of the Stock Show Team.

According to Sissel, these shows are about networking for the students, talking to prospective students, catching

up with alumni, and having fun.

After Denver, the university took a break from the fair scene, but students continued to work hard on campus. All the hard work paid off in the busy month of August with the Ozark Empire Fair and the Missouri State Fair.

At the Ozark Empire Fair in Springfield, Missouri, the Stock Show Team came home with the reserve champion division senior yearling bull. As well as exhibiting cattle, the College of Agriculture set up a booth to recruit future students.

At the Missouri State Fair in Sedalia, Missouri, students represented the College well with cattle, as well as an informational booth, which featured a visit from Governor Jay Nixon on Legislative Day.

The next event was the Southeast Missouri State Fair in Cape Girardeau, Missouri, in September. Claire Silvers, junior animal science major from El Dorado Springs, Missouri, was one of the three students who attended the Southeast Missouri State Fair. Silvers has been showing livestock for years and enjoys learning new techniques within the industry and being able to network.

"More people should show livestock, because it gives them the opportunity to showcase their livestock and make connections within their industry," Silvers said.

The Stock Show Team brought home

multiple awards, with the spring yearling heifer class and division winner, senior yearling class winner and champion overall, senior yearling bull class winner and champion overall, as well as champion pair of females, and best of four.

Next, some of the university students traveled to the American Royal in Kansas City, Missouri. At the American Royal, students worked on networking and visiting with alumni and friends. The students also showcased their hard work and exhibited the university cattle.

"A good time was had by all, all year long," Sissel said.

Having cattle at multiple fairs helps people view the quality of cattle produced at Journagan Ranch, and helps publicize not only the program, but also the Journagan Ranch Production Sale. Missouri State University will kick off next year at the National Western Stock Show in Denver, Colorado in January.

Transfer students join the College of Agriculture

By Alyvia Toman

Agriculture students transfer to Missouri State University from other colleges every semester, can be a challenging experience for some.

Upon arrival, transfer students are required to take an orientation class with Jim Bellis, assistant to the dean of the Darr College of Agriculture. The class teaches students about resources available on campus, and helps connect them with classmates.

"The transfer class is a good

resource, in the fact it teaches us more about the school. I didn't realize we [the Darr College of Agriculture]

had the Journagan Ranch and Shealy Farm. It also talked about internships which was great," said Lena Alsup, agricultural education major from Cuba, Missouri.

Alsup transferred from Crowder College, a two-year community college in Neosho, Missouri after receiving an associate of arts in agriculture with an agricultural education emphasis.

While the transfer class serves as a stepping stone for transfer students, there are still concerns about the newness of Missouri State.

"Students' biggest concern is if all of the classes they have taken will transfer and be counted here," Bellis said.

Alsup participated in the Missouri State University Pathways Program, which is designed for students to transfer from a junior college to a

"The transfer class is a good resource." -Lena Alsup

four-year college or university.

The agriculture partnership is a collaborative effort between Missouri State University, Crowder College, Missouri State University-West Plains, Northeast Oklahoma A&M, and Redlands Community College.

"I knew the credits transferred through Pathways, so that is something I did not have Northeast Oklahoma A&M, and Redlands Community College.

"I knew the credits transferred through Pathways, so that is something I did not have to worry about," Alsup said.

Johannah Richardson, junior agricultural business major from Gerald, Missouri, transferred from Northeastern Oklahoma A&M College, and did not take part in the transfer class.

"I wasn't enrolled in it. I wish

I would've been so I could have met other transfer students who were going through the same thing

as I was," Richardson said.
Collaboration and friendship
between transfer students is an
important element to the transferring
experience. Transfer students are
encouraged to immerse themselves
in the University experience
and reach their academic goals.



Photo courtesy of Olivia Loges

Students serve incoming students as SOAR leaders

By Anna Roth

Last summer, Missouri State University Student Orientation, Advisement and Registration Leader Alyssa Rockers worked with incoming freshmen to make their first year the best it can be.

Rockers, a senior agricultural communications major from Carthage, Missouri, was one of two SOAR Leaders who helped guide agriculture students by working with them to create their schedule and as Rockers said, "Get to know the basic ropes of Missouri State," which will ultimately help make their first semester easier.

These "basic ropes" included a tour of campus facilities and introductions to the organizations and resources available to students.

SOAR Leaders have many

requirements, including being knowledgeable about all facets of Missouri State, knowing basic information for all majors and knowing degree options within the College of Agriculture, or their designated area.

"I had to know about all of the degrees in the College of Agriculture, not just my own," Rockers said. "I needed to know what requirements each degree had and what would work well in their schedule for their first semester."

The advice Rockers wanted her incoming freshmen to remember most was about making the most of their college careers, and Missouri State.

"An experience is going to be what you make of it." Rockers said.



Photo courtesy of Anna Roth

Agriculture students tour American agriculture

By Anna Roth

Two industry tours are available for students of the Darr College of Agriculture: the Agriculture Industry Tour and the Missouri Animal Science Travel Class.

The Ag Industry Tour, occurring prior to the start of spring semester, alternates each year between companies in the Kansas City and St. Louis area.

Frank Alford, senior agricultural business, finance, and management major, from Alton, Missouri, participated in the tour in January 2016.

"This tour introduced me to successful ag businesses in the St. Louis area. We gained inside information on what platforms and strategies that worked for each company," Alford said.

Faculty and students spent approximately five days in the St. Louis area touring agricultural businesses such as Purina, Missouri Farm Bureau, Archer

Daniels Midland (ADM), FCS Financial, and many more.

Another trip that allows students to learn about agriculture, not only in Missouri but also in the United States, is the Missouri Animal Science Travel Class. The class involves not just Missouri State students, but University of Central Missouri and Northwest Missouri State University students, as well.

Students toured farm facilities in Missouri, Tennessee, and Alabama.

Samantha Riley, senior animal science major from Salem, Missouri, and Angela Frederick, sophomore animal science major from Subiaco, Arkansas, were participants in the tour this past year.

The purpose of this tour was to see farming operations from, "Many sides of agriculture, including animals and crop science," Frederick said.

Frederick and Riley both said their favorite day was stopping in Fort Payne, Alabama, and visiting the ranches of the country music group, Alabama.

Another stop on the trip was Bent Tree Cattle Farm, owned by Teddy Gentry. Gentry created his own breed of South Poll cattle by crossing Hereford, Barzona, and Senepol cattle to create a breed suitable for the Tennessee environment.

"I learned that you don't have to go very far to find a variety of farms. It was neat to see all of the variety, and most of which I've never been around, coming from a traditional background." Riley said.

With both trips focusing on different areas within agriculture, there are opportunities for a student to learn, no matter what kind of background they come from. Students may partake in the annual Agriculture Industry Study in January, and the Missouri Animal Science Travel Class in May.

Student employee spotlight

By Brianna Dawkins



Photo courtesy of Brianna Dawkins

Missouri State University not only offers opportunities in areas of education, athletics and student organizations, but in student employment as well. With positions ranging from office assistants to caring for animals and facilities at Pinegar Arena, there are opportunities for students to be employed by the Darr College of Agriculture.

Julie Choate, senior agricultural communications major from Pleasant Hope, Missouri, has been employed by the College of Agriculture since January 2015, when she started working events in the ballroom at the Bond Learning Center.

Her experience working the front desk at Bond led her to Karls Hall later in the semester. She now works as an office aide and assists administrative staff with their daily duties.

"I help with anything from event planning, to assisting fellow students, to some of the accounting information. My job is basically a huge bundle of 'other duties as assigned' and I love it," Choate said.

Being immersed in a busy environment on campus has given Choate people skills that are necessary to be successful in both her degree program and everyday life.

As an agricultural communications major, she will constantly be interacting with others and building relationships, just as she does within her current position.

She admits she had no intention of working for the College of Agriculture when she came to Missouri State, but things fell into place and gave her the perfect opportunity.

"I love agriculture, Missouri State and working with people. Through this job, I am able to enjoy all of those things," Choate said.

Aside from working hard to improve their resumes and acquire internships, students also carry a heavy load managing their time for academics. When asked about how she managed her time with classes and work, Choate admitted that it is not too hard.

"Balancing work and school is fairly simple for me. The ladies in the office allow me to set my hours based around my class schedule

each semester. I am usually in class or at work all the time between 8 and 5 almost everyday. This way I am still able to have my evenings and weekends available."

Overall, Choate says that working for the university has prepared her for the real world in various ways.

Choate graduates with her bachelor's degree in agricultural communications in December 2017. She plans to begin her master's program the following January.

Her goal after graduation is to obtain a position in the communications or marketing field and eventually work for herself as a freelance writer.

Those interested in working for Missouri State University should contact Student Employment Services located in Shannon House, Room 113.

Freshmen host 2016 Ag Expo

By Lena Alsup

Missouri State University's annual Ag Expo was held Friday, November 11, at the Bond Learning Center in Springfield, Missouri. Freshmen agriculture students hosted the event for junior and senior high school students from across the state.

"This is a long-time tradition," said Jim Bellis, assistant to the dean of the College of Agriculture at Missouri State. "Freshmen agriculture majors come up with all the events for the day."

The freshman class planned for weeks leading up to the Expo. Activities included commercials, skits and presentations all prepared by students. Students also served as tour guides for campus tours.

"We split into groups,"

said Libby Glaser, freshman agricultural communications major from Owensville, Missouri. "Some of us were in charge of tours, the PowerPoints and commercials. Everyone had a job."

The purpose of the day was to show potential students what the Darr College of Agriculture at Missouri State has to offer. Club representatives from the College of Agriculture attended the event to talk with students and show them what they can be involved in while at MSU.

"The college experience from today has benefited me," said Alexis Devries, Gainesville FFA senior. "Today is giving me a better outlook on the experience of college and opened up more opportunities. I will be attending MSU next fall."

Parents were allowed to attend the event as well. Lori Kindle from Mansfield, Missouri, brought her son, Caleb Kindle.

"I got more of an idea on how things work," Kindle said. "My son is a senior at Mansfield this year and is wanting to major in agriculture business. This just gave me the opportunity to learn more about the agriculture programs offered."

This year's Ag Expo had 160 high school students in attendance. The hard work students put in planning the event ensured high school students and parents left with more information about Missouri State and the excellence offered in the Darr College of Agriculture.



Photo courtesy of Lena Alsup

Second annual Barnwarming organized by Sigma Alpha and Alpha Gamma Rho

By Jaycee Jenkins

Sigma Alpha and Alpha Gamma Rho hosted their second annual Barnwarming on October 27. Barnwarming is a social event for agriculture students and guests to dance and enjoy each other's company for the evening.

In attendance this year were 172 students and guests, along with three faculty members.

"This is a great way for students to get to know other students in the College of Ag, and for clubs to recruit new members," said Taylor Floyd, agricultural education major from El Dorado Springs, Missouri.

Each organization in the College nominates one male and one female in their organization

to represent them at Barnwarming for a royalty contest. This year's nominees consisted of 28 candidates from 14 different organizations within the College of Agriculture.

Samuel Sergent, environmental plant science major from Halfway, Missouri, competed for the Agricultural Communicators of Tomorrow.

"My favorite part of running for king was playing the games. It was a good experience, and I think more people should want to run for king and queen."

Candidates go head-to-head in three rounds of games, with eliminations after each round.

Male contestant games included

don't forget the lyrics, pool noodle javelin throw and candy elevator. Female contestant games consisted of face the cookie, Simon says, golf ball relay and hole-in-one.

Beau Talley, agricultural business major from Mexico, Missouri, representing Alpha Gamma Rho, was named Barnwarming King and Kelsey Ellis, cell and molecular biology major from Lee's Summit, Missouri, representing Ranch Horse Team, was named Barnwarming Queen. Both were crowned and awarded with gift cards.

The 2017 date has not been set, but College of Agriculture students look forward to the next time they can spend an evening competing and engaging in fellowship at the third annual Barnwarming.

Photos courtesy of Danni Hammontree





College of Agriculture students serve as peer leaders

By Anna Roth

Peer leaders work to inspire Missouri State University freshmen by using past leadership experiences, as well as the guidance of peer leaders before them.

In the freshman orientation class known as GEP, peer leaders partner with instructors to help first-year students succeed by giving them study tips, teaching about campus and connecting them with fellow students.

Courtney Hall, senior agricultural communications major from Creighton, Missouri, is returning for her third year as a peer leader under Sue Webb, animal science senior instructor.

Hall came to Missouri State in the fall of 2013, during which time Kacie Gaines, 2016 alumna of the Darr College of Agriculture, was her peer leader.

"Her big tip was to study abroad, which I did take, and went to Brazil. It was one of the greatest experiences of my undergrad. She also said to really get involved, which I took very literally and got involved with as many clubs as possible and took leadership roles."

Hall decided to become a peer leader herself because she saw it as an opportunity to see if she would like the teaching aspect of agriculture. Peer leaders are required to take a separate class to prepare them to be peer leaders, which requires them to create lesson plans, teach during GEP classes, and play an active role with the instructor.

Hall said she would encourage other students to become peer leaders, because it will help them to get involved on campus and gain life skills like time management.

Austin Witt, junior agricultural communications major from Bois D' Arc, Missouri, is returning for his second year as the peer leader for Dr. Melissa Remley, assistant professor of plant science.

Witt's peer leader was Courtney Hall in the fall of 2014.

"She always encouraged us to make sure and take the time to get to know everyone in class," Witt said, which is very close to what he encourages his own students to do. "By getting involved on campus and in Karls, they will improve their college experience and leave a positive influence in their school."

Ben Travlos, senior agricultural business major from Ashland, Missouri, is serving as a first-year peer leader under Jim Bellis, assistant to the dean of the College of Agriculture.

Travlos had Taylor Mize, a 2016 College of Agriculture graduate, as his peer leader in the fall of 2014.

"I actually wanted to become a peer leader because of Taylor; he set such an incredible example for me and I wanted to model after his leadership," Travlos said.

With Mize in mind, Travlos immerses himself in the peer leader experience by assisting Bellis with weekly classes, offering advice to freshmen when needed and helping plan the Ag Expo. The Ag Expo is an event planned by freshmen

agriculture students to help showcase Missouri State agriculture to high school and potential transfer students.

"By this immersion, we assume the role and unconsciously become better leaders altogether and truly do assist others reach their goals and dreams," Travlos said.

For more information about becoming a peer leader, visit www.missouristate. edu/firstyearprograms.

Photo courtesy of Anna Roth



Students represent Missouri State at National FFA Convention

By Nicolas Matheney

The National FFA Organization convened for the 89th National FFA Convention in Indianapolis, Indiana, October 19-22, 2016.

At the National FFA Convention Expo in the Indiana Convention Center, employers, technical schools, and universities interacted with members and provided options for post high school graduation. With over 400 exhibitors, every area an FFA member could want to know more about was present.

Members of the Missouri State University Collegiate FFA traveled to Indianapolis to attend the National FFA Convention Expo to help recruit new students for the university. During the convention, nine Missouri State students met hundreds of FFA members from around the United States, answering

questions and informing them about opportunities for continuing their education in agriculture at Missouri State University.

"I never had FFA in high school so I had no idea what going to National Convention would entail. After walking into the convention center to set up the booth, I was amazed at all the companies that were there." said Ethan McNeill, senior agricultural business major from O'Fallon, Missouri.

Along with spreading the word about Missouri State, current students in the Darr College of Agriculture attended the final session of the National FFA Convention to accept the highest degree possible in the National FFA Organization, the American FFA Degree.

To earn the American FFA

Degree, a student must complete a list of requirements set by the National FFA Organization. Members must have received their State FFA Degree, been a member of FFA for three consecutive years, must have an outstanding SAE in operation, earned over \$10,000 dollars, completed 50 community service hours, and maintained a "C" grade point average.

"Getting to receive my American FFA degree was a great experience. I loved seeing all of the hard work and dedication finally paying off for each and every one who walked across the stage." said Maura Butler, American FFA Degree recipient, and agricultural education major from Seneca, Missouri.

The 2017 National FFA Convention is October 25-28, 2017 in Indianapolis, Indiana.



Photo courtesy of Jane Gerke Bishop

Agriculture students and faculty study abroad

By Erin Wolford

Missouri State University offers Study Away programs for students to experience cultural differences in both the United States and countries around the world. There are three types of Study Away trips, with over 70 destinations to best fit student interests.

Trips include short-term, faculty directed programs, exchange programs, and affiliate programs. The short-term, faculty directed programs consist of a faculty member and a group of students who travel together to a certain location, usually lasting one to six weeks.

Another option offered is the exchange program, consisting of a semester or year-long study away experience. This program

requires traditional Missouri State University tuition and housing costs, while being able to study in another location.

The final option is the affiliate program, which consists of short-and long-term options for travel, in summer, semester, or year-long intervals. To participate in this specific program, students are required to pay a set program fee. Unlike the exchange program, this program offers additional excursions, cultural activities, and 24/7 support staff which all help facilitate a positive and enjoyable experience abroad.

Lisa Buck, a student who started her undergraduate degree in 2009, has been involved with the

program since she began her degree.

"We have gone from a handful of short-term programs to 30-40 different opportunities offered per year in only five years," Buck said.

In the spring 2016 semester, a small group of students and faculty members traveled to Yinchuan, China, to visit Ningxia University, one of Missouri State University's partner schools.

"This trip was extremely successful at promoting the Public Affairs mission through hands-on research activities and cultural exchanges. It was a wonderful combination of cultural immersion and academic learning," said Melissa Remley, assistant professor of environmental plant science at Missouri State.

"Overall, I think that this was an amazing trip and one that I learned a lot from. I really liked the length of time we were in the country. With my other trips only being in a country about a week always seemed too short.," said Jessica Cobban, sophomore agricultural business major from Fair Grove, Missouri.

The Study Away Program offers many options to students interested in traveling abroad. Buck, Cobban, and Remley highly recommended participating in a Study Away to broaden horizons, and to take advantage of the opportunities this program provides.



Photo courtesy of Melissa Remley

Interested in Study Away? Visit international.missouristate.edu/studyaway

Cattle show hosted by Block and Bridle

By Hannah Miller

For more than 10 years, Block and Bridle has hosted their annual cattle show at Missouri State University as their biggest fundraiser of the year. Last April, the club had a record breaking 175 entries from

Missouri, Kansas, and Oklahoma. "We start planning for the show as soon as the new school year

starts. We have to rent Pinegar arena, contact businesses for sponsorships, contact a judge, order prizes and awards, and many other small details that go into the planning of the show," said Caitlyn McKibben, senior agricultural education major from Lamar, Missouri.

Extensive planning is required

for the event, in addition to hard work by volunteers on show day. Members are assigned specific tasks such as checking-in exhibitors, lining up classes, and writing checks for exhibitor's pay-outs.

"We start planning for the show as soon as the new school year starts." -Caitlyn McKibben

"After the show was over, we got many compliments from exhibitors and exhibitor's families from how well the show was ran. People were also pleased with the prizes we offered and the fact that everyone went home with a check," said Block and Bridle President Makayla Reynolds,

sophomore agricultural business major from Huntsville, Missouri.

Both Reynolds and McKibben agree that, "2016 was their best show yet," and they only hope it continues to grow with more entries and more

states traveling to Pinegar to participate in the future.

Results from the 2016 show include: The top five steers from champion to 5th overall were; Kayla

Morrow, Cole Murphy. Jase Beltz, Grace Aust, and Lauren Aust.

The top five heifers from champion to 5th overall were; Logan Lakin, Lauren Aust, Rance Wheeler, and Ryleigh Wheeler.

Photo courtesy of Pearl's Pics



Club updates

Written by Club Presidents Compiled by Ag Review Writers

Alpha Gamma Rho

At AGR, we are working hard to serve the Springfield community that surrounds us. Our last spring philanthropy, Homing with the Homeless, raised \$1,000 that was donated to The Kitchen of Springfield which helps feed and shelter the less fortunate individuals of the community. Brothers of AGR "lived homeless" on campus for 24 hours to spread awareness of the homeless community present in Springfield and beyond.

We were rewarded for efforts in academics by receiving the IFC's Most Improved GPA award in 2015.

Alpha Gamma Rho is an agriculturally based fraternity that strives to work hard academically and through service to those around us. We work day in and day out to make better men, and through them a broader and better agriculture.

Alpha Gamma Sigma

Alpha Gamma Sigma is a national, social, and professional agricultural fraternity founded at Missouri State University in 1969, which makes us the longest standing fraternity on campus. Throughout the year we are involved in many philanthropy events including our Adopt-A-Stream clean up twice a semester, placing third place overall in team fundraising for the Relay for Life last spring, and our Pork Fest, also in the spring semester, where we raised over \$1,000 for The Chris Kyle Frog Foundation.

MO State Collegiate 4-H

MO State Collegiate 4-H's purpose is to support 4-H members in the Southwest Missouri region and across the state. The club

hosts events, acts as chaperones, and helps fund activities for 4-H members. Most of us are alumni of the organization, but it is not required for membership. In the last year, we hosted the RATT (Regional Action-Packed Teen Trip) where 35 members came to Missouri State University for an overnight event. Missouri State 4-H assisted in funding the Southwest Regional 4-H Barnwarming, and helped judge at the Southwest Regional Achievement Day. The club chaperoned the Ag-Ventures Day Camp at the Ozark Empire Fair.

Delta Tau Alpha

The purpose of Delta Tau Alpha is to promote and recognize high standards of scholarship, leadership, and character among students of agriculture. The organization strives to encourage high ethical standards in the professional positions to be held by agricultural students, and to promote the profession of agriculture. Finally, Delta Tau Alpha strives to be of service to the student body by participating in different events throughout the School of Agriculture, as well as put on events like Quiz Bowl and the Bear Dance class. For community service, we adopt a family for Christmas. We also represent the school at our National Convention

Forestry Club

The Forestry Club is dedicated to promoting a better understanding of forestry, both on and off campus. They engage in forestry related activities for the enrichment of the membership. This club is unique, because it was just founded this year.

Sigma Alpha

Sigma Alpha is a professional agricultural sorority that strives for achievement in scholarship, leadership, fellowship, and service. Members focus on professional

development, sisterhood activities, and sharpening skills to positively impact the agricultural industry. Our Missouri State chapter has won the Founder's Cup, the highest award achievable in the national organization, twice in the past three years. The Missouri State chapter just celebrated their 16th anniversary in April. We have hosted events like Giving Thanks to Ag, a department-wide community service and fellowship dinner, Barnwarming, a dance for the agriculture department hosted with Alpha Gamma Rho, and the Mud Volleyball Tournament, which is a muddy fundraiser for the chapter.

Beekeeping Club

The Beekeeping Club is designed to give students unforgettable experiences that expose students to the importance of bees in agriculture and for the sustainability of our environment. Our live hive demonstrations provide unique hands on educational experiences to our students, from a variety of majors, with our two hives at the Bond learning center. We have also provided educational experience to over 200 second grade students.

Agronomy Club

The Agronomy Club does a number of things throughout the year. We have a Soil Judging Team that competes at the Region V Soil Judging contest, every fall. Each spring, we take a Crop Judging Team and a Soil Judging Team to the NACTA contest to compete. We also do service projects; as in cleaning up a stretch of Chestnut Expressway and also a stream clean up along the South Creek, here in Springfield. The Agronomy Club goes on various fun and educational trips, such as our recent trip the MU Fisher Delta Research Center in Sikeston, MO to learn about cotton and rice production in Missouri. In the spring, we help host the Farmer-For-a-Day workshop for elementary students to teach them the importance of agriculture.

MSU Cattlemen's Association

MSU Cattlemen's Association is an affiliate of Missouri Cattlemen's Association. MSU became the first college affiliate in the state. It was established to advance the economic, educational, political, and social interests of the Missouri cattle industry.

They participate in many events around the state, as well as on campus. They host events of their own, such as Farm Safety Day and a beef quality assurance certification class.

They also make trips to the capital with MCA to participate in Cowboys at the Capital, where they spend the day speaking with legislators. They attend conventions, like NCBA convention and trade show, MCA convention and trade show, and Angus convention and trade show.

Agricultural Communicators of Tomorrow

The Agricultural Communicators of Tomorrow club is a group that travels to different professional development conferences to build relationships with other professionals in the industry and improve marketability.

This year, the ACT chapter plans on traveling to Texas A&M University for the National ACT Professional Development Conference.

The chapter also collaborates with other ACT chapters from different universities to learn from other agriculture communication leaders.

We strive to promote agriculture through communication efforts.

Block and Bridle

Block and Bridle started as a small organization and is continuing to grow every year.

During the spring semester, the fourth annual Bear Classic Jackpot Cattle Show will take place. Last year, there were almost 200 entries of people to show, and they hope to make that number even higher at this year's show. The goal is to continue to grow and better themselves, as an organization.

Aside from the show, they also have work days at the MSU Journagan Ranch, where they help out wherever they are needed, and participate in many other activities within the Darr College of Agriculture.

This spring, they also hope to tour ADM in Springfield, as a big event to wind down the great year.

Ranch Horse Team

The MSU Ranch Horse team is about the tradition of versatile ranch horse that can perform many tasks. Each member strives to become a better horseman, and demonstrate what they have accomplished with their horse through several competitive events.

They participate, host, and travel to a few different competitions, and participate in a handful of events including ranch pleasure, working cow event, reining and ranch trail events. MSU hosts a show at the Pinegar arena and travels to Arkansas University once in the spring, and once in the fall. They also compete at the National Collegiate Championship in Sweetwater, Texas.

Collegiate Farm Bureau

Collegiate Farm Bureau is affiliated with Missouri Farm Bureau which is a grassroots organization serving as the unified voice of Missouri agriculture. As a collegiate chapter, they host

and participate in a variety of events, which include Salute to Agriculture, the Agriculture Forum, Farm Bureau Day at the Capital, volunteerism, the New Student Mixer, and much more!

Horticulture Club

The goal of the Horticulture Club is to promote and preserve the study, traditions, and advancement of horticultural practices. We do volunteer work, and we try to educate students and the community with regards to horticulture. Some activities that we have done, or are planning follow: Volunteering in the Missouri State Campus Garden, Teaching Plant science labs for students at Greenwood Laboratory School, annual plant sale fundraisers, volunteering with the Missouri State grounds crew (we will be helping to plant tulip bulbs this month), and tour local and state botanical gardens. We also plan on attending the Mid American Collegiate Horticultural Society's annual conference, in fall 2017.

Horseman's Association

This organization is for horse enthusiasts, of all levels. The members love riding and travel to compete in different events.

Some of the events that they host and attend include, events in our region against other schools and competitions at the national level. Some of the schools that they compete against are, Kansas State University, NEO A&M College, and Illinois State University.

As well as competing in specific events, they also work alongside the Equi-librium Therapy Center in Rogersville, Missouri. Equi-librium is a non-profit organization that helps people with disabilities. There, they volunteer in assisting with therapeutic riding.

Horseman's is an organization

MSU Cattlemen's teaches high school students about safety

By Ella Snelson



Photo courtesy of Mike Klem

On September 23, 2016, Missouri State University's Collegiate Cattlemen's Association hosted the fourth annual Farm Safety Day at Pinegar Arena to help prevent future farm-related accidents.

Farm accidents are very common, and it is important to inform people on how to be as safe as possible on their farms. Cattlemen's members hope hosting

this event is eye opening for young agriculturists, and they learn the proper ways to handle animals and equipment in order to prevent incidents on farms and ranches.

"There are an outrageous amount of accidents that happen on the farm. Sometimes it is just one tiny error that ends up turning

into a really big mistake, so it is important to show people that it can happen to anyone," said, MSU Cattlemen's President, Samantha Riley, senior animal science major from Salem, Missouri.

"We hope they take this knowledge home to share it with their family." -Samantha Riley

This event is unique because it is completely student driven. MSU Cattlemen's members planned the entire event and created stations to cover different safety-related topics. High school students spent roughly 10 minutes at each station learning about a topic until they had completed the circuit.

Stations included first aid awareness, gun safety, cattle handling, ATV safety, tractor safety, vaccination handling, chemistry safety, electrical safety, and Missouri State admissions. Students learned

> practices and concepts from these stations, such as how to handle cattle at a low stress zone and first aid practices to utilize on a farming operation.

"The biggest reason that we wanted to host this event, is because it is important to tell high school students about safety on the farm to try to help them prevent accidents. We hope that they take this knowledge home to share it with their family," Riley said.

Meet the graduate students

By the Ag Review Writers Photos courtesy of the graduate students



Brandi DeFosse is from Warsaw, Missouri. DeFosse is focusing on obtaining a Post-Bac teaching certification so she can become an agriculture teacher, while taking masters level classes. She plans to be finished with her certification by Spring of 2018, and will work on completing her masters as time allows. After receiving her certification, she plans to find a job in Southwest Missouri teaching agriculture classes.

Kaylyn Dalbom is from Houston, Missouri, but is now living in Jefferson City, Missouri. Dalbom's thesis is over the study of the impacts of various methods of treatments of invasive species in forest edge and under-story habitats. Dalbom plans to graduate in Spring 2017 from Missouri State. After graduation, Dalbom plans to continue her career with the Missouri Department of Natural Resources, as an Environmental Specialist. Someday she also wants to go on to get a Doctorate in Education with an emphasis in Organizational Leadership and Development, from Grand Canyon University.

Clint Dalbom is from Neosho, Missouri. Dalbom plans to graduate in December 2016 with a master's degree in plant science. After graduation, Dalbom will travel to the Philippines in January, 2017 with his wife to help develop an organic vegetable production facility designed to help the Gentle Hands Children's Home to become more sustainable in securing their food supply. Upon his return from the Philippines, Dalbom plans to continue with his consulting work and plans to pursue teaching at the collegiate level.

Meghan Mothershead is from Sikeston, Missouri. Mothershead's thesis project includes looking at the effects of weight carried and time ridden on back pain in horses used in a series of intercollegiate horse shows as determined by a pressure algometer. As well as using a pressure-sensing pad, put underneath the saddle to measure the distribution of pressure by the rider and equipment. Mothershead plans to graduate in December 2017 and hopes to find a career in the equine industry, she just hopes to have a career that she enjoys.

Tyler Bradford is from Birch Tree, Missouri. Bradford's thesis is on monitoring and modeling vegetative response to climate fluctuation and seasonal change. He plans to graduate from Missouri State in the Spring of 2018, to then join the Air Force, Navy, or to pursue his PhD. He is undecided thus far.



Cheri Hamilton is from Republic, Missouri. Hamilton is doing a graduate project on micro green production. Hamilton plans to graduate in May 2017, when she completes her research project. After graduation, Hamilton would like to find a teaching position at the collegiate level.

Jarred Lewis is from Diamond, Missouri, but now works in Alma, Missouri for the Santa Fe R-X School District, as the Adult Agriculture Education instructor. Lewis' thesis is over why young producers are not returning to the farm. After graduation, Lewis plans to either continue his education by obtaining a Ph.D., or look into working in the extension.



Esther Nelson is from Springfield, Missouri. Nelson is studying Optimum Planting Dates for Garlic in Southwest Missouri, while working with Dr. Clydette Alsup. They have received a grant from the USDA for their research, while also partnering with MO Extension. Nelson plans to graduate in August of 2018. She is unsure of her plans after graduation thus far.

Logan Taylor is from Houston, Missouri. Taylor is following the non-thesis option. He plans to graduate from Missouri State in Fall of 2017 and is undecided as far as what his plans are after graduation, but he would like to get a job with the American Angus Association someday, or work for the state.



Olivia Jaco is from Jackson, Missouri. Jaco is following the non-thesis option and is working on a seminar paper in conjunction with the communication department. After graduation, Jaco hopes to secure a position in the public relations or communications department of an agricultural organization. Jaco plans to graduate in May 2017.

Steven Schneider is from Edinburg, Texas. Schneider's thesis is over the identification of intraspecific hybrids in black walnut (Juglans nigra L.) using molecular markers. Schneider plans to graduate from Missouri State in December 2017. After graduation, Schneider plans to obtain a Ph. D. or start a career in the teaching/academic field.





Jerri Lynn Dodson from Washburn, Missouri. Dodson's thesis is titled, "Evaluation of Phosphorus Availability on Growth and Leaf Concentrations Nutrient in Wheat, Oats, Rye." Her future plans are currently undecided, but she intends to go wherever God opens doors.

Zak Wilkerson is from Buffalo, Missouri. Wilkerson's research is over advancing technology in agriculture, and how it will find its place in our laws and legal system. Wilkerson plans to graduate from Missouri State with a Master of Science in Plant Science in May 2017, and has been accepted into the University of Arkansas's school of law, and will be going there to get his and possibly his Juris Doctor in Agricultural Law.



Brionna West is from Council Bluffs, Iowa. West's thesis is over the impacts of cover crop mixtures on productivity of Midwestern cropping systems. West is currently applying at seed and chemical companies in Iowa, while taking over the accounting duties at her family farm. She will eventually manage estimately 4000 acres of corn and soybeans. West plans to graduate from Missouri State in August 2017.



Rebecca Tyler is from Sweet Springs, Missouri. Tyler's thesis is over the comparison of understory chemical and mechanical treatments to promote regeneration of desirable forestland species, with her help from her advisor Dr. Michael Goerndt. Tyler plans to graduate in May 2017, from Missouri State. After graduation, Tyler hopes to find a career in the plant science field.



Kerri Johnson is from Warsaw, Missouri. She grew up on a cow/calf operation, and runs a custom hay business with her father, during the summer. Johnson's thesis is on replacing summer grain supplementation with hay in endophyte-infected tall fescue grazing systems. They are focusing on growth rates in cattle. Her plans after graduation are to expand her cow-calf operation and possibly teach agriculture courses at a local community college.



Kaleigh Potter is from Spring, Texas. Potter's thesis project is a Comparison of PGF2 Protocols for Control of the Estrous Cycle in Mares. Potter is currently considering the Ph.D. program as well as looking for jobs in the agriculture field. Potter plans to graduate in May 2017.

Ryan Bilyeu is from Ozark, Missouri. Bilyeu is following non-thesis option. Bilyeu plans to graduate from Missouri State in December 2017 and plans to teach at College of the Ozarks in the Animal Science Department and manage their dairy operation on campus.

Meghan Mothershead is from Sikeston, Missouri. Mothershead's thesis project includes looking at the effects of weight carried and time ridden on back pain in horses used in a series of intercollegiate horse shows as determined by a pressure algometer. As well as using a pressure-sensing pad, put underneath the saddle to measure the distribution of pressure by the rider and equipment. Mothershead plans to graduate in December 2017 and hopes to find a career in the equine industry, she just hopes to have a career that she enjoys.

Jennifer Moldovon is from St. Louis, Missouri. Moldovan's thesis is over Institutional Vs. Intermediated Buyers: Barriers and Requirements of Buying Local Food Products. Moldovan plans to work with companies in agriculture education and research for employment, which she is currently working on interviews for. Moldovan plans to graduate from Missouri State in December 2016.

Other Graduate Students include: Daniel Adams (PSAG-MS), Kaylie Austin (PSAG-MS), David Bower (PSAG-MS), Tyler Buelow (PSAG-MS), Katelynn Burns (PSAG-MS), Jacqueline Constantin (PSAG-MS), Nicole Crocker (NAGA-MNAS), Dustin Devore (NAGA-MNAS), Kyle Dunda (PSAG-MS), Heather Eberlin (NAGA-MNAS), Jo Ann Hopkins (PSAG-MS), Cory Keith (PSAG-MS), Casteel Kirk (NAGA-MNAS), Anna Klem (PSAG-MS), Kyle Mabury (NAGA-MNAS), Wenonah Marlin (NAGA-MNAS), Brett Marshall (PSAG-MS), Cindy Monroe (PSAG-MS), Sarah Peterson (NAGA-MNAS), Christina Pilger (NAGA-MNAS), Benjamin Polley (PSAG-MS), Ran Qi (NAGA-MNAS), Adelaid Safley (NAGA-MNAS), Joseph Serpico (PSAG-MS), Li Su (PSAG-MS), Cheryl Thomas (PSAG-MS), and Jesse Young (PSAG-MS).

Support staff awarded Excellence in Advising Support Award

By Alyvia Toman

The Darr College of Agriculture support staff received Missouri State University's 2016 Excellence in Advising Support Award.

The honor is awarded annually by the Provost's Academic Advising Council and all Missouri State staff are eligible to win, granted they do not have any direct advisees, the office has been established for two years and they must receive a written nomination.

Rhonda Breshears, Carrie Crews, Jana Kendrick, Sue Morris and Ramona Taylor serve in different capacities to ensure the College of Agriculture faculty and students have the resources and support they need to succeed.

Breshears is an academic administrative assistant III. She builds class schedules, coordinates events, organizes classroom times, and supports faculty with student advisement.

"It really varies by the minute. We do anything that anyone needs," Breshears said.

Breshears recognizes that receiving the award was not a single effort, but the effort of the team.

"It was affirming. We know we work well together and students come first. We try to fix whatever problems come along," Breshears said.

Kendrick and Taylor are administrative assistants and work part-time in the office. Both primarily help with events and work with the Bookstore. Breshears, Kendrick and Taylor all share the same philosophy of doing whatever needs to be done to help others succeed.

Morris is the accounting specialist for the College. She handles all financial transactions that flow in and out of the College of Agriculture. In addition, Morris is in charge of working with the Missouri

State University Foundation on scholarships for students.

Crews is an administrative assistant for the animal science unit, and also serves as the Bond Learning Center event coordinator. Crews is involved in the Ag Celebration with Alumni and Friends committee, student employment committee and manages all vehicles owned by the College.

Upon receiving word of the award, the staff was in disbelief. Crews was on the phone when she received the email and had to read it out loud to believe it.

"I am appreciative that the faculty finds us helpful. It is an incredible honor," Crews said.

The university, College of Agriculture students and faculty value the whole support team and the contributions they make to advising students.

Photo courtesy of Missouri State Unviersity Photographic Services



Presidential Scholars succeed in the College of Agriculture

By Mackenzie Nichting

Missouri State University offers numerous scholarships for students, one of the most prestigious being the Presidential Scholarship.

The Presidential Scholarship is one of the highest awards a student can receive at Missouri State, receiving approximately \$12,500 annually. Out of the 35 recipients, 11 are currently students in the Darr College of Agriculture.

Students who qualify must rank in the top 10 percent of their high school class, and must have received Receiving the scholarship impacts student's educational goals, and pushes them toward academic success.

"I would say that the scholarship has relieved many potential stressors (financial, housing, etc.) allowing me to focus more effectively on my course work," Richner said. "The scholarship has also given me even more motivation to achieve highly in classes because of the GPA requirement."

The scholarship not only helps

students while at Missouri State, but prepares them for life after college.

"My dream is to go to vet school," Huffer said. "This scholarship has already helped me reach some goals. It has also provided the opportunity for me to start doing some research early on because of my scholarship and role in the Honors College."

The Presidential Scholarship is only one available scholarship at Missouri State University. For more information about scholarships, visit www.missouristate.edu/.



Photo courtesy of Mike Klem

Recipients of the Presidential Scholarship from the Darr College of Agriculture include:

Sarah Bishop, agricultural communications major from Tipton, Missouri Monica Gevers, animal science major from Edwardsville, Illinois Libby Glaser, agricultural communications major from Owensville, Missouri Taryn Huffer, animal science major from Kansas City, Missouri Mercer Martin, agricultural communications major from Willard, Missouri Karlene Negus, animal science major from Sutherland, Iowa Delaney O'Donnell, animal science major from Fredericksburg, Virginia Benjamin Richner, animal science major from Warrensburg, Missouri

Alyssa Rockers, agricultural communications major from Carthage, Missouri Jacey Staponski, animal science major from Purdy, Missouri Zak Wilkerson, graduate student in agricultural communications from Buffalo, Missouri

2015-16 College of Agriculture Scholarship Banquet

First and Second Year Presidential Scholars

Junior Monica Gevers Sophmore Karlene Negus Freshman Libby Glasser

Agriculture Alumni Scholarship*

Andrea Hendrix Senior Junior Jacob Black Junior Megan Prather Laura Thompson Junior Sophomore Krista Gilmartin **Britney Lawless** Sophmore Sophomore Julia Probst Freshman Shannon O'Day

Craig E. Arnett Memorial Agricultural Scholarship

Rachel Kohne Junior

Gayle Ashley Horticulture Club Scholarship*

Senior Joshua McCormick

Charles Biglieni Memorial Scholarship

Junior Breanna Gottman Rachel Veenstra Sophomore

Henry and Grace Carr Farm Scholarship*

Senior Michael Fenske Junior Zavne Aldrich Junior Lindsay Daniel Allison Ashcraft Sophomore

Marilyn R. Daniel Equine Scholarship

Miranda Reynolds Junior

Douglas W. Darr Leadership Scholarship

Jonathan Bellis Senior Julie Choate Senior Shayla Coale Senior Senior Katelyn Stracke Senior Taylor Young Lane Hankins Junior Junior Ben Quisenberry Junior Ben Travlos Sophomore Kara Berrey Sophomore Macey Hurst Sophomore Thomas Eggerman Freshman Blake Jeffries Freshman **Everett Martin**

Einhellig Family Scholarship

Masters Jerri Lynn Dodson Masters Benjamin Polley

Anson Elliott Scholarship for Agriculture Leadership

Freshman Michaela Carroll Freshman Shelby Harman Freshman Madison Tellin

Dr. R. Bruce Johnson/Honor Society of Delta Tau Alpha Scholarship

Senior Courtney Hall

Farmers Cooperative Livestock Marketing Scholarship*

Junior Caleb Seidel Chrystelle Volckmann Sophomore

FFA Scholarship

Freshman Brandon Chapman Freshman Jenna Rector

FFA State Officer Scholarship

Macey Hurst Sophomore

FCS Financial Agriculture Scholarship

Junior Logan Johnston Sophomore Teanna Simpson

Ben and Janis Fuqua Scholarship

Sophomore Auryetta Torres-Jeffery Sophomore Justine Wasser

Jim and Kami Gollhofer Scholarship

Sophomore Courtney Cook

Greene County Farm Bureau Scholarship

Ben Quisenberry Junior Junior Makayla Reynolds Sam Sergent Junior

Dennis M. and Janice K. Grisham Scholarship*

Senior Jill Lee

Jack Gordon Memorial Scholarship*

Maddison Mabry Sophomore

Christian Robert Hirsch Memorial Scholarship*

Zachery McConkey Junior

Gary and Kathy Irwin Scholarship

Junior Riley Phipps

Harry and Marion James Agronomy Scholarship*

Senior Trystan Thompson

Arne Johnson Agriculture Scholarship*

Junior Barbara Crawford

Dr. Norman Justus/SWVATA Scholarship

Sophomore Maura Butler

Glenn E. and Ruth Z. Karls Agriculture Scholarship*

Senior Austin Reedy
Junior Austin Witt
Junior Kristin Wyatt
Sophomore Madison Kennon
Sophomore Stewart McCollum
Freshman Vittoria Lane
Freshman Kirsten Watson

Benjamin Charles Kruse Memorial Scholarship

Freshman Colton Herrell

James P. and Margaret S. Landreth Scholarship*

Junior Britta Anderson

MFA, Inc. Scholarship*

Junior Kaleb Jones

H. Lewis Miller Endowed Scholarship*

Freshman Karlie Beckett

Missouri Farm Bureau Foundation for Agriculture Scholarship

Sophomore Logan Chaney Sophomore Ashley Connor

Missouri Seedmen's Assoc./Southern Seed Assoc. Scholarship

Senior Taylor Young
Junior Lane Hankins

Quail Forever Gateway Chapter Scholarship

Junior Colby Jones

Ed Pinegar Scholarship*

Senior Alyssa Hultgren Senior Samantha Riley

Howard Pyle Memorial Scholarship*

Freshman Ashleigh Nye Freshman Olivia Dove



Agriculture Alumni Scholarship Susan Dawley alumna, 1982 (left), presents the award to Krista Gilmartin.



Carr Farm Scholarship
Jett Bumgarner (left) presents
the award to Zayne Aldrich.



Douglas W. Darr Leadership Scholarship Tara Chitwood (left) presents the award to Kara Berrey.



Glenn E. and Ruth Z. Karls
Agriculture Scholarship
Carl Wilker (left) presents the
award to Vittoria Lane.



Ben and Janis Fuqua Scholarship Ben Fuqua (left) presents the award to Auryetta Torres-Jeffery.



Vernon Renner Scholarship Flo Graham (left) presents award to Ethan Roach.



Dr. Norman Justus ScholarshipTiffany Kauffman presents the award to Maura Butler.



S&H Farm Supply Excellence in Agriculture Scholarship Eric Schnelle (right) presents the award to Zachary Davis.

Vernon Renner Scholarship*

Senior	John Freese
Senior	Brittney McBride
Senior	Amanda McConnell
Senior	Ethan Roach
Junior	Melissa Maynard
Junior	Ethan McNeill
Junior	Melanie Preston

Robert F. Thomson, Jr. Family Memorial Scholarship*

Senior Raysha Tate

S & H Farm Supply Excellence in Agriculture Scholarship

Senior Zachary Davis

John D. Schatz Scholarship*

Junior Shelbi Mundy Junior Jacob Steward

Dennis and Phyllis Schmitt Animal Science Graduate Scholarship*

Masters Adelaid Safley

Schnelle-Sparkman Farm Bureau Salute to Agriculture Award

Sophmore Morgan Luthy

Servi-Tech Scholarship

Senior Emily Andrews

Helen Spangler Smith Agriculture Scholarship*

Freshman Morgan Wall

Dr. J.N. Smith/FCS Financial Memorial Scholarship

Junior Amanda Wecker Sophomore Ashton Light

Stanlie H. and Belva Ross Spangler Memorial Scholarship*

Junior Haleigh Wallace

David F. Stanke Memorial Scholarship*

Sophomore Rachel Call Sophomore Madison Kittilstad

Charles and Patricia Stufflebeam Agricultural Scholarship

Sophomore Harley Waggoner

Pamela Borden Trewatha Horticulture Scholarship

Sophomore Kara Powelson



FFA ScholarshipJim Hutter (left) presents the award to Jenna Rector.



Anson Elliott Scholarship for Agriculture Leadership Anson Elliott (left) presents the award to Shelby Harman.



Dr. J.N. Smith/FCS Financial Memorial Scholarship Jennifer Morganthaler (left) presents the award to Amanda Wecker.



Missouri Farm Bureau Foundation for Agriculture Scholarship Dan Cassidy (left) presents the

award to Ashley Connor.



Agriculture Alumni Scholarship Mike Swan (left) presents the award to Megan Prather.



Greene County Farm Bureau Scholarship Charles Buckner (left) presents the award to Sam Sergent.



FCS Financial Agriculture Scholarship Crystal Shepherd (left) presents the award to Logan Johnston.



Glenn E. and Ruth Z. Karls Agriculture Scholarship Wenping Qiu (left) presents the award to Kristin Wyatt.

Sophomore Tucker Gillaspy

Theodorakos Vuillmott Sports Agriculture Scholarship

Junior Danielle Plank

Waite Scholarship

Senior Jesse Carroll

Uncle Tom Watkins Memorial Scholarship*

Junior Blake Davis

White River Valley Electric Cooperative Scholarship

Freshman Kaitlin Sly Senior Gina Simpkins



Ed Pinegar ScholarshipTy Heavin (left) presents the award to Alyssa Hultgren.



White River Valley Electric
Cooperative Scholarship
Beau Jackson (left) presents the
award to Gina Simpkins.



Waite Scholarship
Arbindra Rimal (left) presents
the award to Jesse Carroll.



MFA, Inc. Scholarship Ed Long (left) presents the award to Kaleb Jones.



The Honor Society of Delta
Tau Alpha Outstanding
Freshman Award
Ashton Light accepts the award
from Ronald Del Vecchio.



W. Anson Elliott Citizen Leadership Award Courtney Hall accepts the award from Anson Elliott.



W. Anson Elliott Citizen Leadership Award Julie Choate accepts the award from Anson Elliott.



W. Anson Elliott Citizen Leadership Award Zachary Davis accepts the award from Anson Elliott.



W. Anson Elliott Citizen Leadership Award Benjamin Travlos accepts the award from Anson Elliott.



W. Anson Elliott Citizen Leadership Award Taylor Young accepts the award from Anson Elliott.



Glenn E. Karls Senior Excellence Award Benjamin Travlos accepts the award from Ronald Del Vecchio



Cortnie Little-Ash from PFI Western Wear presents Ronald Del Vecchio with a \$5000 dollar

Darr College of Agriculture Graduates

Spring 2016

Megan Adams Casey Appleton Savannah Ash Waialua Logan Baker Landdon Bax Jillian Boydston Jared Brassfield Caitlin Brown

Alyssa Cassidy Tory Chasteen Logan Clements **Emily Couture** Bradley Dillner Jerri Dodson Logan Duncan Samuel Edwards Shelby Filbeck

Taylor Floyd Kacie Gaines Staci Garvin Laura Guffey Katlyn Hanson Alleigh Harper Matthew Hart Cherish Haselhorst Katherine Haszcz Ashlee Hearod Thomas Hermann

Michael Hickinbotham Brianna Horn Mckenzye Iverson Gavin Jennings Kerri Johnson Tara Kauth Cory Keith

Kylie Kieffer Logan Kirkes Robert Kirkland Anna Klem Hannah Kreisel Melinda Larson Jared Lipe Mia Mann Brooke Mareth

T-Asia Mays Katelyn McCoy Springfield Summersville

Springfield Iberia Strafford West Plains

Bolivar Springfield Columbia Lamar Springdale Pilot Grove

Springfield Springfield Fair Grove Holt

El Dorado Springs Oran Anderson

Quincy Springfield Lake Charles Springfield Elsberry Springfield San Tan Valley Bloomsdale

Springfield Afton Protem Warsaw Springfield Ash Grove New Hartford

Eureka

Afton Caulfield Verona Sedalia Stella Seneca Leonard Mount Vernon Saint Louis

Springfield

Animal Science-BS

Agr Bus/Enterprise Mgt-BS

Animal Science-BS Natural Resources-BS

Agriculture Education-BSED Env Plant Sci/Horticulture-BS

Natural Resources-BS

Agriculture Education-BSED Plant Sci-AG-Accelerated-MS

General Agriculture-BS General Agriculture/Agr-BS Env Plant Sci/Crop Science-BS Agr Bus/Agr Fin Mgt-BS Env Plant Sci/Crop Science-BS Plant Science AG Dept-MS Agr Bus/Agr Fin & Mgt-BS Agr Bus/Agr Mkt & Sales-BS Agr Bus/Agr Fin & Mgt-BS Agr Bus/AGr Mkt & Sales-BS

Plant Sci-AG- Accelerated-MS Agriculture Education-BSED General Agriculture/Agr-BS General Agriculture/Agr-BS Agriculture Education-BSED Agr Bus/Agr Fin & Mgt-BS Plant Science-AG Dept-MS Nat & Appl Sci-AG Acc-MNAS

Agr Bus/Agr Mkt & Sales-BS Animal Science-BS Animal Science-BS

General Agriculture-BAS Env Plant Sci/Crop Science-BS

Animal Science-BS

Env Plant Sci/Horticulture-BS Env Plant Sci/Crop Science-BS Agr Bus/Enterprise Mgt-BS General Agriculture-BAS Agr Bus/Enterprise Mgt-BS General Agriculture/Comm-BS Agr Bus/Agr Mkt & Sales-BS General Agriculture/Agr-BS Env Plant Sci/Crop Science-BS Plant Science-AG-Accerated-MS

General Agriculture/Agr-BS

Animal Science-BS

Natural & Appl Sci-AG-MNAS

Izabella Michitsch
Taylor Mize
Jonathon Moler
Kolby Montee
Esther Nelson
Nick Noll

Cassandra O'Hara Jacoby Osborn

Westley Peterson Carlee Phipps Taylor Pittman

Thomas Rallo Joshua Roberts Sarah Ryan

Brittanie Schuette Abigail Shipley Zachary Sindelar Chelsea Smasal Cody Stewart

Stephanie Stockley Logan Stump

Chandra Sullins
Regina Tichelkamp
Clinton Toedtmann

Clinton Toedtmann Tyler Tran

Molly Turpin Rebecca Tyler Alexanderia Varney Joseph Viehman

Taylor Walker Joseph Ward Angela Wease Marlisa Welch Brionna West

Kerstine Whittaker James Wilkerson

Brigette Williams Brooke Willis Jessica Wilson

Gretchen Wood

Russellville Malden Springfield Arcadia Republic

Maryland Heights

Kirkland
Walnut Grove
Springfield
Lamar
Springfield

Rocky Mount Buda

Springfield Polo

Archie
Crystal City
Chesterfield
Willow Springs
Marionville

Jasper Nevada

Nevada Springfield Springfield

Springfield Reeds Spring Sweet Springs

Springfield Saint Peters Goodman Marshall

Defiance Bolivar Springfield Rogersville

Springfield Saint Louis Nixa

Buffalo Clarence Agr Bus/Agr Fin & Mgt-BS Agr Bus/ Agr Fin & Mgt-BS Env Plant Sci/Horticulture-BS

Env Plant Sci/Horticulture-BS Agr Bus/Enterprise Mgt-BS Env Plant Sci/Horticulture-BS

Natural Resources-BS

Natural & Appl Sci-AG-MNAS Agr Bus/Agr Mkt & Sales-BS

Natural Resources-BS

Agr Bus/Agr Mkt & Sales-BS

Animal Science-BS Natural Resources-BS

Wildlife Consrvt & Mgt-AG-BS

Animal Science-BS

Plant Science-AG-Acc-MS
General Agriculture/Comm-BS
Env Plant Sci/Horticulture-BS
Ind. Major-AGR Dept-BS
Agricultural Education-BSED

Animal Science-BS

Env Plant Sci/Crop Science-BS

Animal Science-BS Animal Science-BS

Agr Bus/Agr Fin & Mgt-BS

Natural Resources-BS

Env Plant Sci/Horticulture-BS Env Plant Sci/Crop Science-BS

Natural Resources-BS Natural Resources-BS

Agriculture Education-BSED

Natural Resources-BS Agr Bus/Enterprise M

Agr Bus/Enterprise Mgt-BS Env Plant Sci/Crop Science-BS Agr Bus/Agr Fin & Mgt-BS

Animal Science-BS

General Agriculture/Comm-BS
Plant Science-AG Dept-MS
Wildlife Consrvt & Mgt-AG-BS
Env Plant Sci/Crop Science-BS

Animal Science-BS

Summer 2016

Jeffrey Bates
Carley Brucks
Jenna Cope
Preston Dalton
Victoria Giebler

Alton Glasgow Mount Vernon Ash Grove Neosho General Agriculture/Agr-BS Animal Science-BS

Env Plant Sci/Horticulture-BS

Nat&Appl Sci-AG-Accelertd-MNAS Nat&Appl Sci-AG-Accelertd-MNAS Graduates

Donna Gladden
Bryan Hobby
Jennifer Morganthaler
Sylvia Petersen
Ethan Romi
Kendra Romine
Peyson Shields

Taryn Smith Emily Spellman Kirbee Spire

Marissa Tucker
Eric Vincent
Shawn Waldman
Ace Whitesell
Nicholas Wideman

Shelby Wilson

Saint Louis Animal Science-BS

Kansas City

Mountain Grove

Plant Science-AG-Accelerted-MS

Plant Science-AG-Accelerted-MS

Plant Science-AG-Accelerted-MS

Plant Science-AG-Accelerted-MS

Agriculture Education-BSED

Decatur, TX

General Agriculture-BAS

Bois D'Arc

General Agriculture/Comm-BS

Springfield Natural & Applied Sci-AG-MNAS Natural & Applied Sci-AG-MNAS

Maryville
Cassville
General Agriculture-BAS
Cassville
General Agriculture/Comm-BS
Fair Play
Agr Bus/Agr Mkt & Sales-BS
Springfield
Plant Science-AG Dept-MS
El Dorado Springs
General Agriculture/Agr-BS
Cedar Hill
General Agriculture-BAS

Everton Natural & Applied Sci-AG-MNAS

Fall 2016

Zachary Aldrich No Elizabeth Allgeyer Sa Faith Anderson Ca

Dalton Bailey Jonathan Bellis James Bereczky

Andrea Berry Brandon Brawley Haleigh Bruce

Brian Bueker

Joel Butler Jillian Campell

Jesse Carroll
Shayla Coale
Chad Cook
Clinton Dalbom
Zachary Davis
Heather Eberlin
Casteel Edwards
Ryan Farrar

Nicole Fennewald Meagan Fiedler Marisa Foster

Kaila Foutch
John Freese
Zachary Funk
Desiree Gates

Brittany Groves Andrew Guilliams Neosho

Env Plant Sci/Crop Science-BS

Saint Louis

Animal Science-BS

Cabool Animal Science-BS
Lamar General Agriculture-BAS

Aurora Env Plant Sci/Crop Science-BS
Springfield Wildlife Consrvt & Mgt-AG-BS

Higginsville Animal Science-BS

Hartshorn General Agriculture-BAS

Fair Play Animal Science-BS

Higginsville Wildlife Consrvt & Mgt-AG-BS

Republic Animal Science-BS

General Agriculture/Comm-BS Sarcoxie Warrensburg Env Plant Sci/Horticulture-BS Ash Grove Agriculture Education-BSED Agr Bus/Agr Mkt & Sales-BS Walnut Grove Eminence Plant Science-AG Dept-MS Marshfield Env Plant Sci/Crop Science-BS Natural & Applied Sci-AG-MNAS Leslie Urbana Nat&Appl Sci-AG-Accelertd-MNAS Leslie Wildlife Consrvt & Mgt-AG-BS Linn Agr Bus/Agr Mkt & Sales-BS

Mountain View General Agriculture/Agr-BS
Strafford Nat&Appl Sci-AG-Accelertd-MNAS

Forsyth Animal Science-BS
Ozark Natural Resources-BS

Brighton Agriculture Education-BSED

La Russell Animal Science-BS

Billings Env Plant Sci/Crop Science-BS Springfield Wildlife Consrvt & Mgt-AG-BS Nicole Hafkemeyer Staci Haggard Elizabeth Hayes Justin Headrick Jessica Hite Nathaniel Hoffman

Justin Hopkins
Shirley Hughes
Christian Isringhaus
Caitlin Johnson
Chealea Johnson

Carson Jones
Carl Knuckles
Hannah Kuhn
Bryan Lambing
Dakota Long
Patrick Mahoney

Beau Mantle

Benny McWilliams Andrea Mears

Megan Messick

Jennifer Moldovan DeLisa Moses

Nikki Newsome Dusty Pearman

Christina Pilger Benjamin Polley Jessica Probst Jonathan Rhoads Samantha Riley

Johnathan Sash

Jordyn Schmidt Cody Skidmore

Raysha Tate

Logan Taylor
Alyvia Toman
Jonathon Vinsand
Cathleen Vought
Kristin Waigand

Jennifer Williams Matthew Wilson Tanner Zimmerman Springfield Animal Science-BS

Cape Fair

Agr Bus/Agr Mkt & Sales-BS
Houston

General Agriculture-BAS
Salem

Animal Science-BS
Manchester

Nixa

Natural Resources-BS

Willard General Agriculture/Agr-BS
Branson Natural Resources-BS
Kirkwood Natural Resources-BS

Richards Agr Bus/Enterprise Mgt-BS
Richards Env Plant Sci/Crop Science-BS
Stockton Env Plant Sci/Crop Science-BS
Springfield Env Plant Sci/Crop Science-BS
Neosho Agr Bus/Agr Fin & Mgt-BS
Saint Louis Env Plant Sci/Horticulture-BS
Decatur, TX General Agriculture-BAS

Nixa Env Plant Sci/Horticulture-BS Springfield Animal Science-BS

Asbury Agriculture Education-BSED
Springfield Env Plant Sci/Horticulture-BS

Nevada Animal Science-BS

Florissant Nat&Appl Sci-AG-Accelertd-MNAS

Schell City

Bucyrus

Animal Science-BS

Animal Science-BS

Keytesville Env Plant Sci/Horticulture-BS
Ozark Natural & Applied Sci-AG-MNAS
Soldotna, AK Plant Science-AG-Accelerted-MS
Waterloo, IL Agr Bus/Agr Mkt & Sales-BS
Marshfield Agriculture Education-BSED

Springfield Animal Science-BS

Conway

Wildlife Consrvt & Mgt-AG-BS

Russellville

Agr Bus/Agr Fin & Mgt-BS

Conway

Wildlife Consrvt & Mgt-AG-BS

Purdin Animal Science-BS

Houston Agr Bus/Enterprise Mgt-BS
Salem Agr Bus/Agr Fin & Mgt-BS
Wildwood Env Plant Sci/Horticulture-BS
Stotts City Plant Science-AG Dept-MS

Saint Louis Animal Science-BS

Springfield Agriculture Education-BSED
Crystal City Wildlife Consrvt & Mgt-AG-BS
Springfield Wildlife Consrvt & Mgt-AG-BS

Faculty and Professional Staff

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Dr. James Hutter	Agricultural Education	Dr. Michael Burton	Agronomy	
Ms. Katelyn McCoy	Agricultural Communications	Dr. Michael Goerndt	Forestry	
Dr. Ben Onyango	Agricultural Economics/Bus.	Dr. Martin Kaps	Pomology	
Ms. Christi Sudbrock	Agricultural Economics/Bus.	Dr. Sarah Lancaster	Enviornmental Plant Science	
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Mr. Travis Elliott	Agricultural Law	Dr. Wenping Qiu	Molecular Plant Virology	
Ms. Joyce Cutright	Agricultural Communications	Dr. Melissa Remley	Plant, Insect & Microbial Science	
Mr. Jayson Shriver	Agricultural Mechanics	Dr. Karl Wilker	Enology and Distillation	
Mr. Mike Wiles	Agricultural Sales			
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2				
Dr. Phillip Lancaster	Animal Science	Per Course		
Dr. Lacy Sukovaty	Vet and Small Animal Science	Ms. Ashley Brown	Entomology	
Dr. Elizabeth Walker	Sheep and Goat Science	Mr. Tom DeWitt	Soil & Water Conservation	
Ms. Sue Webb	Equine Exercise Science	Ms. Lori Padgett	Landscape Design	
		Mr. Timothy Stanton	Forestry and Fire Management	
Per Course		Mr. Tim Russell	Ozarks Wildlife	
Dr. Jason Salchow	Veterinary Science	Ms. Wenonah Marlin	Floral Arranging	
Mr. Lyle Whittaker	Meat Science	Ms. Sheila Wear	Floral Design	
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Mr. Randy Stout	Field Crew Leader			
Ms. Sheila Long	Field Crew	Journagan Ranch		
Mr. Steven Turner	Mechanic	Mr. Marty Lueck	Ranch Manager & Adjunct Faculty	
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Mr. Michael Matthews	Physical Plant Foreman	Mr. Russell Driskell	Ranch Hand	
Mr. Bob Mosier	Custodian	Mr. Eric Lueck	Ranch Hand	
		Mr. Eddie Massey	Ranch Hand	
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Emeritus Faculty and Staff				

Emeritus Faculty and Staff

Mr. Gayle Ashley: Horticulture, Dr. Jerry Crownover: Agricultural Education, Dr. Anson Elliott: Agronomy, Dr. Ben Fuqua: Soils, Dr. Robert Glenn: Agricultural Business, Dr. Lyndon Irwin: Animal Science, Dr. Harry James: Soils, Dr. Bruce Johnson: Agricultural Economics, Dr. James F. Moore, Jr.: Plant Pathology, Dr. Vernon Renner: Soils, Dr. Mike Roling: Entomology, Dr. Dennis Schmitt: Veterinary and Dairy Science, Dr. Charles E. Stufflebeam: Agricultural Business Dr. Pamela Trewatha: Horticulture, Dr. Howard Townsend: Entomology, Dr. Jon Wiggins: Technology Education and Ms. Sally McAlear: Administrative Assistant, Ms. Ramona Taylor: Administrative Assistant, Ms. Pam Mayer: Administrative Assistant



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