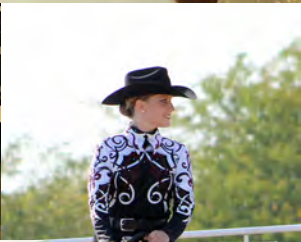


A G R E E V I E W





From the Director

Each year's Ag Review relays many positive changes but with the one constant fact, our students, alumni and friends are very special. In these pages, you will see that special energy of the students, who not only enjoy being here but want others to come and share that joy. Our alumni and friends have fingerprints all over programs as they support our faculty in many activities that are vital for the professional growth of students.

More than a decade of efforts by the non-land grant universities' agriculture leaders across the US, coupled with efforts of Senator Roy Blunt, ranking member on the US Senate Agriculture Appropriations Committee, changed the funding availability for over 50 universities across the country. This provided opportunity for Dr. Webb, Dr. Hwang and Dr. Rimal to lead efforts in connecting faculty, staff and students with personnel at Truman

State, Northwest Missouri State, Southeast Missouri State and the University of Central Missouri to maximize strengths each university has for meeting agriculture student needs.

Dr. Norman Shealy's donation of a 250-acre farm near Fair Grove, Mo., is allowing us to pursue the goal of finishing our own cattle that we will market to consumers in the Springfield area. This project allows the unique opportunity to do research, teach and provide outreach on each aspect of the beef industry - from breeding and backgrounding at the Journagan Ranch, to finishing on grass with supplementation on the Shealy Farm. The agricultural business and communications classes will be involved as we focus on the process from production to consumer. This same model is being used in the plant sciences unit - from the study of basic science questions of grapes, varietal development, cultural improvement, to wine and distillation products, to marketing and sales. A

confirming result, of focusing on the entire process, is the winning this year of Double Gold Medals in international competition for four MSU wines.

In this issue you will see many references to the International dimension of the Darr School of Agriculture. I personally was invited to accompany a USDA trade mission to Moscow and St. Petersburg, Russia, where we investigated selling purebred Herefords. I also participated in a trade mission led by Governor Jay Nixon to Taiwan and to South Korea. We trust these investments will lead to more student exchange opportunities and for more trade opportunities, like the sale of our heifers to Kazakhstan.

Please drop in to see us anytime and plan to take part in the AG Celebration Oct. 5, 2013, at the Darr Agricultural Center. This is a special effort to get the entire Darr School of Agriculture Family together.

Anson Elliott
Director, Darr School of Agriculture

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Shealy makes generous donation to MSU

By Jenilee Martin

Dr. Norman Shealy has increased learning opportunities for Missouri State University agriculture students by donating his 250-acre farm in Fair Grove, Mo., to the William H. Darr School of Agriculture.

Following the death of his wife Chardy in 2011, Shealy decided to make the MSU donation that has been valued at over \$2 million. The donation, formally announced in January, will benefit the school of agriculture and the psychology department.

The donated farm includes livestock, farmland, a conference center and other structures. Shealy's 15-year-old grandson Jared Stevenson, who understands the farm's geography, history and family legacy, will continue to work on the farm.

Shealy's gift also will fund the Mary-Charlotte Bayles Shealy Chair in Conscientious Psychology.

"Right off, the Shealy Farm will allow us to conduct beef nutrition feeding trials with cattle that were first raised on the Journagan Ranch and then will be performance tested at the Shealy Farm," said Jim Bellis, assistant director of the MSU School of Agriculture. "As feed grain becomes more expensive, beef producers are looking forward to alternative ways to bring beef cattle to harvest using lower-cost feed stuffs."

Through the Shealy Farm, students will have the opportunity to work with Beefalo. The farm currently has around 25 head.

"This facility would allow us to go beyond the present purebred and crossbred cow-calf operations to also include the backgrounding and the finishing operations that could result in MSU local wholesale

meat products that have capitalized on grass and forages," said Dr. Anson Elliott, director of the MSU School of Agriculture.

Shealy graduated from Duke University's Medical School as a neurosurgeon. He later gained a doctorate in psychology. Shealy now spends his time reading and writing, and on Thursdays drives into Springfield to host *Dr. Shealy's Wellness Hour*, a call-in radio show on KWTO.



From left to right, Helen Reid, dean of Health and Human Services; Tim Daugherty, head of Psychology Department; Anson Elliott, director of Darr School of Agriculture; Dr. Norman Shealy; and Clif Smart, president of Missouri State University.

Showing cattle offers hands-on experience

By Taylor Short

The William H. Darr School of Agriculture is increasing their visibility in the beef cattle industry by showing their Polled Herefords throughout the Ozarks.

With the acquisition of the Journagan Cattle Company and their Hereford herd, students now have the opportunity to show cattle and learn more about the showing process. Justin Sissel, school of agriculture farm operations manager, is the man in charge of this experience. Sissel has been showing cattle since the age of five.

"I have never been good at sports or band, but showing cattle was the one thing I was good at," said Sissel. "It's a passion of mine."

Sissel said showing and working cattle was how he paid his way through college.

"Students don't have to know what they are doing," said Sissel. "That's why I am here to help the students understand."

Sissel explained that there are going to be multiple opportunities for students interested in the experience of showing cattle. One of the options will be a practicum that will introduce students on preparing cattle for the show ring. The practicum will consist of four sessions. Sissel said there are plans for the practicum to start this summer. Students already have the opportunity to earn college credit for attending cattle shows.

Listed are the results for the 2012 show season:

Ozark Empire Fair

- Reserve Bull Calf Champion
- Reserve Junior Bull Champion
- Reserve Senior Bull Champion
- Reserve Champion Bull
- Herdsman Award

Missouri State Fair

- Reserve Champion Cow-Calf Pair
- Reserve Junior Bull Champion
- Senior Bull Champion

Southeast Missouri District Fair

- Reserve Champion Cow-Calf
- Reserve Bull Calf
- Junior Champion
- Senior Champion
- Reserve Champion Bull
- Reserve Best Four Head



Missouri State University's LGR MSU 95N Laramie 308X receives Reserve Grand Champion Bull at the 2012 Ozark Empire Fair. Pictured from left: Show Judge Cary Crow; Darr School of Agriculture Director Dr. Anson Elliott; Journagan Ranch Manager Marty Lueck; Former and current students Brad Nichols, Journagan Ranch employee Jacob Peterson, Daniel Amick, Clayton Smith and Cody Smith; Animal Science Professor Dr. Gary Webb and Darr Farm Operations Manager Justin Sissel.

The students also exhibited at the American Royal in Kansas City, Mo., one of the largest stock shows in the Midwest.

Sissel said this year's show schedule will remain the same. Sissel was open to the idea in the future of attending shows such as the Northwest Arkansas District Fair in Harrison, Ark.; the National Western in Denver, Col.; and the Arkansas State Fair in Little Rock, Ark.

"Showing is really an opportunity to promote the university, the school of agriculture, Journagan Ranch and Missouri State University cattle," said Sissel.

Sissel said he would also like to see the alumni more involved with the school of agriculture and with the cattle showing.

MSU beef to be available soon

By Morgan Faubion

The William H. Darr School of Agriculture is expanding educational opportunities by focusing on the entire process of beef production from producer to consumer. Genetics, production, processing, marketing and sales will all be parts of the curriculum.

MSU will be marketing its own brand of beef. Agricultural Economics Professor Dr. Arbindra Rimal's spring 2013 agricultural marketing class was in charge of developing a marketing plan



Continued from page 3



for the MSU beef. The class presented ideas to Dr. W. Anson Elliott, Darr School of Agriculture director; Dr. Elizabeth Walker, associate professor of animal science; Christine Sudbrock, Darr School of Agriculture outreach director; Marty Lueck, Journagan Ranch manager, and Justin Sissel, Darr Agricultural Center ranch manager. The class was split into six groups and had 15 minutes to present their ideas.

The beef will be processed from steers out of the school's registered Herefords, commercial Angus and Angus/Hereford crossed cattle. These steers will be grass raised and grain finished to a weight of 1000-1200 pounds. The steers will be of a genetic background that will result in higher yield grade and better flavor.

"The best thing for these steers is time. The longer they are on grass the better," said Lueck, who is in charge of raising and caring for the steers.

The marketing class concluded these grass-raised steers will appeal to a specialty market of health-conscious consumers as well as people looking to support the school.

"We are hoping to give the meat a hang time of at least 10 days to two weeks", said Sissel. "This causes the meat to shrink and compact to pack in more flavor."

Lueck said he wants to expand production to 140 steers processed per year and eventually install a meat processing plant.

Sissel said the goal is to keep the entire process local, from the grain used to finish the steers to the marketing and sales.

Annual Bear Classic numbers continue to grow

By Mallory Early

The Block and Bridle Club held their Bear Classic Annual Livestock Show where cattle numbers doubled from last year.

The show, which was hosted in Pinegar Arena at Darr Agricultural Center, included heifers, bulls and steers of all breeds. Matt McCrory, an agriculture teacher from Troy, Mo., judged the show. There were 47 exhibitors with 94 head of cattle at the show.

Taylor Loges, a sophomore agricultural business major from Sweet Springs, Mo., was an exhibitor and club member at the show. She said, "The numbers and quality were good and definitely increasing from last year."

Feed donated by MoorMan's was awarded to the top five exhibitors of the overall heifers, bulls and steers. Overall champions received \$300 and the reserve champions received \$200.

This was the first time cattle belonging to Block and Bridle members were stalled together for a special club exhibit. Members had a total of 11 head.

Block and Bridle Club membership continues to grow. Club President Elysia Bushey, a senior agricultural education major from Mountain Home, Ark., said the





club has grown from only seven members last year to over 40 members this year.

“This show was put together much better. We had more exhibitors and animals, and the show went smoothly compared to last year,” said Bushey.

Bushey is passing down her presidential office to Taylor Loges. Bushey

said her favorite parts about Block and Bridle club were seeing the club grow and become an official university club.

MSU and Journagan Ranch donate 2012 foundation heifer

By Lora Drake

A donated purebred Hereford heifer was sold during the Gold Buckle Gala July 23, 2012. Steve Naegler, Springfield, Mo., purchased the heifer for \$6,500 and the proceeds benefited the Ozark Empire Fair Foundation’s Supreme Beef Female awards program.

Money raised from the foundation heifer was used for awards for the top five exhibitors in the OEF supreme champion drive. Participating in the supreme beef female drive is the highest achievement possible for breeding beef cattle exhibitors. The champion bred-and-owned heifers of each breed also received awards.

“The continuance of the Going for the Gold program would not be made possible without generous donors like Journagan Ranch and the William H. Darr School of Agriculture,” said Brittany Gillig, OEF agriculture director . “The supporters are the ones who enable the program to create such an excitement within

the junior beef shows at the Ozark Empire Fair and positively impact the lives of young agriculturists.”



Front row (left to right): Daniel Amick, Dennis Hobbs, Steve Naegler, and Ron Locke. Back row: Christi Sudbrock, Gary Webb, Justin Sissel, Marty Lueck, Jim Bellis, Mike Klem, and Dennis Schmitt.

Trixie Chicks Trick Riders represent Missouri State University

By Stephanie Stockley

The Trixie Chicks, made up of six talented women and their equine partners, are continuing the legacy of American trick riding by performing at local, state and national events.

All members of the team have a connection to Missouri State University including Shelby Chittum, animal science major from Willard, Mo.; Kelsey Scott, animal science major from Willard, Mo.; Katy Tennison, animal science major from Ozark, Mo.; Kelsey Lauberth, animal science major from Bonnots Mill, Mo.; and Miko McFarland, the team's mentor and advisor, study-away programs advisor and per-course instructor. Ashlee Hearod plans to again attend MSU after returning from deployment in Kuwait.



Kelsey Scott performing the back-breaker trick.



Shelby Chittum trick riding at a child's birthday party.

Chittum is the founding member of the Trixie Chicks. She and her horse Count have been partners for several years, performing at numerous events including the 2010 World Equestrian Games. Chittum said that each rider has a special bond with their trick horse. The bond, according to Chittum, is one of the most trusting relationships one can have.

"We are trusting them with our lives," said Chittum. "When we get into a trick, our horses are at liberty to do whatever they want and we put trust in them that they will do what they were trained to do while keeping us safe."

Several members of the Trixie Chicks are involved in the Missouri State Horsemen's Association. Through their involvement with the club, they have the opportunity to perform at many events hosted in Pinegar Arena at the Darr Agricultural Center.

In addition to performances at Missouri State, the Trixie Chicks have performed at Cowboy Classic Pro Rodeo, Budweiser Clydesdale Exhibition at the Ozark Empire Fairgrounds and several other venues in southwest Missouri. They already have several bookings for the remainder of the year and see a steady flow of interest for future performances.

According to Chittum, trick riding has become a dying art that the Trixie Chicks are helping bring back to life. As college students on a limited income, Chittum said that members are able to balance school and work along with trick riding.

At each performance there are two to five riders present. The Trixie Chicks offer an American flag color guard presentation, performances tailored to the theme of each event, and after performances meet-and-greet sessions with autograph signings.

More information about the Trixie Chicks can be found on the website at <http://www.trxchx.com/index.html> and on the Facebook page Trixie Chick Trick Riders.



Darr School of Agriculture numbers increasing with enrollment projected to be the highest ever

By Kristyn Stidham and Shayla Severs

The William H. Darr School of Agriculture topped off enrollment at 534 declared majors for the 2012-2013 school year, ranking agriculture with the largest student enrollment increase within the university. Agriculture student enrollment is at the third highest since 1962 and is soon to be at an all-time high in 2014 with an estimated 584 students.

Agriculture students have numerous choices for higher education - so why MSU?

Great facilities was one of the reasons students said they selected MSU. MSU agriculture students have numerous opportunities for hands-on experiences at multiple facilities including the Darr Agricultural Center, Journagan Ranch and the newly acquired Shealy Farm.

"I greatly appreciate Pinegar Arena and what the William H. Darr campus has to offer," said IraShae Holland, graduate student from Idaho. "It gives me the opportunity to ride and show horses, which has been an ongoing passion of mine."

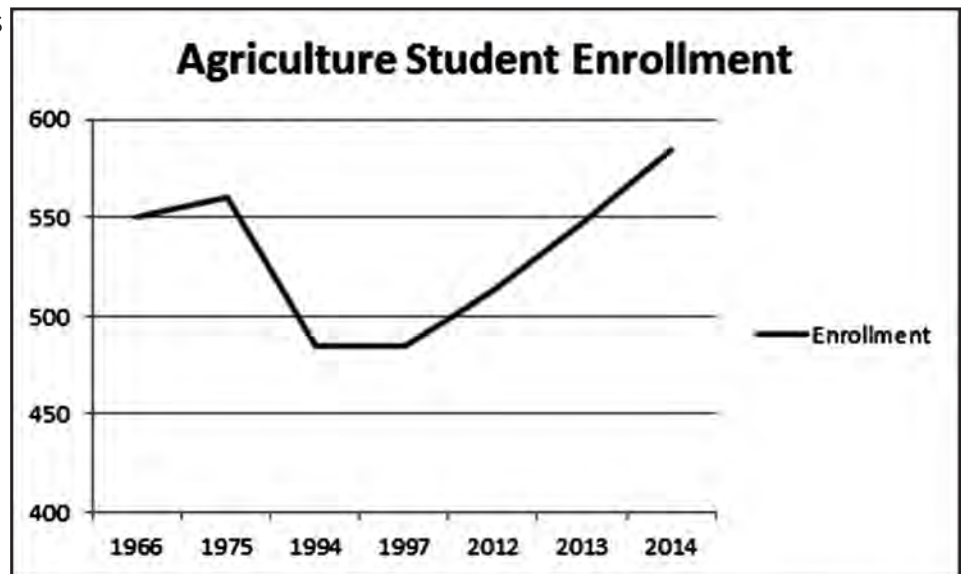
Holland has a bachelor's in field biology.

Brittanie Schuette, sophomore natural resources major, chose Missouri State agriculture as the best fit for her.

"My high school FFA advisors were probably the greatest influence for me to choose Missouri State," Schuette said. "But, the small class sizes and amazing faculty were also deciding factors."

Kelsey Scott, junior animal science major from Willard, Mo., chose the school of agriculture because of a realization she had while visiting a large city.

"I like to tell people it was my trip two summers ago to New York City," said Scott. "It only took about three days of not being able to see the whole sky, not seeing any



grass or a single cow for me to realize how important agriculture is to me."

Many students were involved in FFA as high school students and came to MSU for events like district FFA contests and Salute to Agriculture Day. When students visit, they are able to see the multiple opportunities in extracurricular activities that the school of agriculture has to offer. There are fraternities and sororities, competition teams, and numerous clubs.

"One of the best things about Missouri State's school of agriculture is how many opportunities there are for you to get involved," said Schuette. "All of these

opportunities help make the school of agriculture a big family, helping you make great memories and even better friends."

Students aren't always the stereotypical agriculture student either. They don't all come from farms or ranches or even have any agricultural background.

"I never grew up on a farm. I was never involved in agriculture until high school and four years ago I never would have imagined I would be where I am today," Schuette said. "But, my growing passion for agriculture changes my life the way no other degree would have been able to."

Kelsey Rueter, sophomore biology major from Granite City, Ill., rides Exceptional Lover, also known as Judy, in her first dressage competition. Judy, who was generously donated to Missouri State, is heavily involved in MSU's equine program serving as a show/lesson horse in both western and english events.



Clubs and competitive teams active in 2012-2013

Agronomy Club



Advisor: Dr. Mike Burton
 Mr. Tom DeWitt
President: Shawn Massey
Vice President: Logan Martin
Secretary: Kaylie Winschel
Treasurer: Zac Stratman
Activities: Stream cleanup on South Creek, trash pickup on Chestnut Expressway.

Alpha Gamma Rho



Advisor: Dr. Anson Elliott
Noble Ruler: Nate Ryan
Planning: Connor Erwin
Activities: Josh Temmen
Scholarship: Jared Jacobs
Risk Management: Logan Martin
Recruitment: Houston Steele
 Beau Mantle
 Eli Martin
Alumni Relations: Dale Larson
IFC Liaisons: Casey Appleton
 Ethan Romi
House Management: Kohlten Wilson
Membership Dev.: Shannon McClintock
Finance: Jacob Phillips
Activities: Host Backwoods Bash and Ball Blast, attend national leadership seminars and national conventions, rejoined the IFC and participate in Greek Life.

Alpha Gamma Sigma



Advisor: Dr. Melissa Hudson
President: Zac Chumbley
Vice President: Trevor Cunningham
Secretary: Brian Austin
Treasurer: Steven Jackson
Main Warden: Niko Markos
Co-Warden: Kaleb Wilkerson
Recruitment: Tucker Dunaway
Academic: Tommy Lee
Historian: Kaleb Wilkerson
Main Social Chair: Doug Kras
Co-Social Chair: Tucker Dunaway
Activities: Homecoming, Greek Week, Porkfest, social exchanges, IFC recruitment, community service and academic programming.

Block & Bridle



Advisors: Dr. Melissa Hudson
 Dr. Beth Walker
President: Elysia Bushey
Vice President: Ben Howard
Secretary: Morgan Frogge
Treasurer: Marie Sheldon
Reporter: Jenny Sanning
Activities: Hosts the annual MSU Bear Classic, a barnwarming dance and Lube Olympics.

Collegiate Farm Bureau



Advisor: Dr. Anson Elliott
 Mr. Jim Bellis
President: Emily Scott
Vice President: Kayla Benedict
Secretary: Justin Mauss
Treasurer: Brian Austin
PR/ Recruitment: Lauren Garoutte
Activities: Host Ag Forum, attend State and National Young Farmers and Ranchers Conference, attend Missouri Farm Bureau Annual Meeting, host lunch for families at Ronald McDonald House.

Collegiate FFA



Advisor: Dr. Jim Hutter
President: Megan VanGordon
Vice President: Ryan Carr
Secretary: Tucker Dunaway
Treasurer: Nicole Markway
Historians: Nicole Fletcher
 Lauren Garoutte
Activities: Attend FFA National and State Convention, hold Farmer for a Day, sponsor SOLD Parliamentary Procedure Workshop.

Honor Society of Delta Tau Alpha



Advisor: Dr. Beth Walker
President: Alex Bollmann
Vice President: Heather Gerity
Secretary: Emily Scott
Treasurer: Emily Quas
Activities: Host Quiz Bowl and tournament, hold monthly meetings, attend national convention and host an annual wreath-making fundraiser. DTA also sponsors a scholarship for the school of agriculture.

Intercollegiate Riding Teams

Western Horse Show Team



Nicole Sanders on Alex at a Missouri State horse show.

Horsemen's Association



Advisors: Ms. Sue Webb and Dr. Gary Webb
President: Kelsey Lauberth
Vice President: Sarah Hogle
Secretary: Natalie McNichols
Treasurer: Megan Case
Historian: Cassie O'Hara
Activities: Horsemen's members volunteered with Equi-Librium Therapy Center in Rogersville, hosted the 2nd Annual Journagan Ranch Trail Ride, a local fun horse show, four IHSA western and two IHSA hunt seat horse shows, a practice horse judging contest, the district FFA horse judging contest as well as assisting with ranch horse shows and participating in May Day activities and other organization activities. They sponsor the Intercollegiate Western and Hunt Seat show teams. The western team was third in the region and had three individuals (Jack Powderly, Alison Bos, Micala Penton) qualified for the Zone 7 Region 5 regional and one (Alison Bos) for Western Semi-finals competition. One hunt seat rider (Nicole Sanders) qualified for regionals and moved on to place 4th in the Zone 7 Championships.

Hunt Seat Team



Horticulture Club



Advisors: Dr. Clydette Alsup-Egbers
President: Heather Gerity
Vice President: Tyler Thompson
Secretary: Caroline Waldbuesser
Treasurer: Jennie Doss
Activities: Work in campus garden and with Habitat for Humanity, take field trips to botanical gardens and seed festivals, attend Ecopalooza and recruitment events.

Ranch Horse Team

Advisors: Dr. Gary Webb
President: Daniel Potter
Treasurer: Jessica Rader

We were pleased to have a successful weekend in Abilene, TX at our first trip to the National Collegiate Championship Show! Here's the rundown:

- 1st place Non-Pro Ranch Trail
Daniel Potter
- 2nd place Non-Pro Ranch Pleasure
Claire Dohmen
- 6th place Lim. Non-Pro Ranch Pleasure
Lindy Christofides
- 7th place Non-Pro Ranch Pleasure
Daniel Potter
- 7th place High Point Team Overall
MSU Ranch Horse Team
- 9th place Novice working Cow-Horse
William Boyer
- 9th place individual Non-Pro High Point Overall: Daniel Potter

Clubs and competitive teams active in 2012-2013 *cont.*

Pre-Veterinary Club



Advisor: Dr. Dennis Schmitt
President: Aaron Gibbons
Vice President: Lena Woodard
Secretary: Zenetta Slabbert
Treasurer: Jackie Breeden
Activities: Arrange trips to Columbia, visits to the National Tiger Sanctuary, hold biannual dogwash, schedule presentations by veterinarians and veterinary school representatives.

Sigma Alpha



Advisor: Ms. Christine Sudbrock
President: Nicole Markway
1st VP: Lauren Dresch
2nd VP: Mia Mann
Secretary: Emily Quas
Treasurer: Taylor Loges
Rush Chair: Katelyn McCoy
Historian: Emily Wilbers
Alumni Liason: Micaela King
Activities: Sigma Alpha is a professional agricultural sorority that strives for achievement in scholarship, leadership, and service to help foster academic excellence and professional development for women in agriculture. In doing this we participate in many fundraising, philanthropy, sisterhood and social events each semester.

Soil Judging Team



Advisor: Mr. Tom DeWitt
 Dr. Michael Burton
Activities: Attended American Society of Agronomy collegiate soils contest in region 5, Maryville, Mo., where we placed 6th overall and 3rd in team judging.

Trap & Skeet Team



Advisor: Dr. Jon Wiggins
President: Craig Meissen
Vice President: Cory Slusher
Treasurer: Matt Brooks
The purpose of the Trap and Skeet Club is to provide opportunities for students, staff, and faculty to participate in recreational intercollegiate shotgun shooting sports competitions. This provides an opportunity for the participant to develop skills and leadership opportunities as a member of a team which fosters teamwork and cooperation among its members. The team had the opportunity to compete in several collegiate shooting competitions this year in Missouri, Iowa, Tennessee, Kansas, and Texas for Nationals.

The Wildlife Society



Advisors: Dr. Michael Burton, Ag
 Dr. Lynn Robbins, Biology
President: Alison Bleich
Vice President: Beth Boring
Secretary: Chad Ackerman
Treasurer: Katherine Ranger
Public Relations: Shawn Massey, Leslie Hall
Activities: TWS cooperates with the Missouri Department of Conservation on deer spotlighting surveys, deer aging, goose round up, roadside clean-ups, quail whistling surveys, and Great Outdoors Day. Members also attend various workshops in the spring that include mammal trapping, bird mist netting, bat mist netting, herping, electrofishing, dendrochronology, trap shooting, etc. Members develop wildlife experience, volunteer, and gain professional contacts.

DTA gets duck fever

By Jessica Sokolic

Missouri State University members of Delta Tau Alpha, an agricultural honor society, attended the 54th Annual National DTA Convention in Monroe, La. this year. While in Monroe, they took the opportunity to visit the Duck Commander Warehouse.

At the warehouse, they were able to meet with Justin Martin, member of A&E's popular reality television series Duck Dynasty. Members watched as Martin worked on the Duck Commander duck calls. Students took turns sitting in show cast member Jase Robertson's chair and snapped pictures of cast member Willie Robertson's desk.

Also while in Monroe, the students toured PolyProcessing and Landry Vineyards. PolyProcessing is a company that manufactures rotationally-molded-polyethylene chemical storage tanks, often referred to as poly tanks. Landry Vineyards is a favorite winery of the Robertson family.

“My favorite part was just travelling with my MSU friends,” said Emily Quas, junior animal science/pre-veterinary major from Ozark, Mo. “We had a great time and got along really well. The convention only had 100+ people in attendance, so it was really close knit and we got to make friends with other chapters.”

Stephanie Baker, senior animal science major from Russellville, Mo.; Alex Bollmann, senior animal science major from Pacific, Mo.; Casteel Kirk, senior agricultural education major from Urbana, Mo.; Aly Mackey, junior animal science major from Ozark, Mo.; Justin Mauss, sophomore agricultural education major from Bois D’Arc, Mo., and Quas attended the national convention. Dr. Elizabeth Walker, MSU associate professor of animal science and DTA advisor, accompanied the students.

MSU’s DTA chapter paired with the Sam Houston State University chapter to participate and then win second place in the ag olympics.

DTA was formed through a proposal made during a National Association of College Teachers of Agriculture Conference in 1958. Professor John D. Schatz of Southwest Missouri State College, currently MSU, believed that, “there was a need for a national organization or society for agricultural majors in the non-land grant colleges and universities for promoting and honoring scholarship.”



Participants of the DTA National Convention visit Duck Commander warehouse in West Monroe, La.

During the 1959-1960 school year, several colleges sent student representatives to work with Professor Shatz on the formation of DTA. These student representatives chose the name Delta Tau Alpha and they also wanted that name to have the common meaning of Dedicated to Agriculture. The first national convention was held in Springfield, March 1960.

MSU student is national DTA officer

By Sydney Temares

Emily Quas, junior animal science/pre-veterinary major, from Ozark, Mo., was elected as the National Delta Tau Alpha secretary during the 54th National DTA Convention in Monroe, La., in March.

DTA stands for “Dedicated to Agriculture” and the pillars of Delta Tau Alpha are scholarship, leadership and character. Quas said that being a national DTA officer means leading by example.

“It is important to display these qualities and encourage the members,” explained Quas. “We strive to represent

the industry in a professional and positive manner. My duties as [chapter] DTA president include conducting regular, organized meetings and helping with and overseeing the planning of events.”

Quas will help organize the next spring convention and will be a part of membership initiation for each semester.

“I am excited to work on increasing involvement. I have some ideas for fundraisers and philanthropy events. I would also like to increase Missouri State’s attendance at national convention,” said

Quas. “I really enjoyed traveling with my peers from Missouri State University and making new friends at convention. I represented MSU as a delegate and was able to participate in making decisions for the upcoming year.”

During the three-day convention, Quas and her peers participated in a quiz bowl and ag olympics, and toured a vineyard, wildlife sanctuary and the Duck Commander warehouse.

Twelve Missouri State University agriculture students attend the Agriculture Future of America Leaders Conference

By Bradley Dillner

Each year during The Agriculture Future of American Leaders Conference, passionate agriculture majors from across the nation come together to interact and hone leadership skills in preparation to make a lasting difference in the agricultural industry.

Students can gain access to this program in several different ways. Some have the chance to interview for a community AFA scholarship. Students can also gain sponsorship through their university, industry sponsorship or personal financing.

AFA is a four-track program in which each track focuses on a different aspect of workforce readiness. Each track allows students to engage in conversation with an array of speakers, some agricultural and some motivational.

During the different tracks students attend sessions covering different aspects of becoming a better leader. Each track includes a workshop with a specific focus. This begins with track one's workshop of becoming more productive, and concludes with track four's emphasis on pathways to more effective leadership.

On the second day of the AFA Conference an opportunity fair takes place. The fair is an experience that helps students connect with professionals. Industry partners such as John Deere, Pioneer Seed Company, Edward Jones and many more interact with the students.

On top of the opportunity fair, every track participant has the chance to interact with an industry professional on an individual level. Together they work on resume building, communications skills and interview skills.

The second evening students interact personally with another industry professional during the leader in agriculture



Back, from left: Taylor Mize, freshman agricultural business major from Campbell, Mo.; Brad Dillner, freshman agricultural business major from Pilot Grove, Mo.; Jared Jacobs, freshman agricultural business major from Drexel, Mo.; Brent Gerke, freshman agricultural business major at the University of Central Missouri from Pilot Grove, Mo., and Paige Jenkins, senior environmental plant science major with an emphasis in crop science from Pleasant Hope, Mo. Front, from left: Cassie Reid, sophomore agricultural communications major from Bosworth, Mo.; Laura Wolf, junior double major in agricultural communications and agricultural education from Tipton, Mo.; Nicole Markway, junior agricultural business major from Eugene, Mo.; Bethany Markway, senior agricultural education major from Eugene, Mo.; Casteel Kirk, senior agricultural education major from Urbana, Mo.; Ashlee Jones, junior environmental plant science major with an emphasis in horticulture from Sparta, Mo.; and Rebecca Travis, sophomore double major in wildlife conservation and management, and environmental plant science with an emphasis in crop science from Frankford, Mo. Not pictured: Logan Taylor, freshman general agriculture major with an emphasis in agricultural communications from Houston, Mo.

award dinner. This year students were addressed by Howard G. Buffett, a passionate advocate for agriculture and a billionaire devoted to creating a better life for those that have little access to food and clean water. Buffet spoke about his foundation and the numerous practices being implemented to combat world hunger.

“While this conference is one that is both intense and tiring, the rewards and possibilities are endless,” said Jared Jacobs, MSU conference attendee and freshman agricultural business major from Drexel,

Mo. “The ability to interact with not only industry professionals, who have the power to help you enter a career down the road, but it is also the opportunity to make countless friends and connections all across this great country with people who share a common passion about the same way of life that you cherish. It is truly something that proved to be an incredible experience that I am confident was shared by all attendees.”

AFA selects MSU student as campus ambassador

Rebecca Travis, dual major in wildlife conservation and management, and environmental plant science with an emphasis in plant science, was selected as Missouri State University's AFA campus ambassador. After an application and interview process, Travis was selected to go through AFA's ambassador leadership training to become MSU's go-to individual for everything AFA.

Buffet Foundation selects two MSU students as 40 Chances Fellows

Two William H. Darr School of Agriculture students were selected as 40 Chances Fellows, a program sponsored by the Howard G. Buffet Foundation in connection with Agriculture Future of America. Rebecca Travis, freshman dual major in wildlife conservation and management, and environmental plant science with an emphasis in plant science from Frankford, Mo., and Brad Dillner, freshman agricultural business major from Pilot Grove, Mo., were selected through an application process to be part of this 40-person group.

The students will be sponsored to attend the AFA Conference for the next three years. The Buffets were so impressed by the students who participated in AFA this past year that they decided to set up a one-time program for students to help them excel in their "40 chances" or roughly 40 years as an adult to make a lasting difference in the world. In addition, at some point in the experience, fellows will take an international trip. The 40 Chances Fellows will also meet with the Buffets to learn about their success, commitments and contributions.

Darr School of Agriculture *Alumni Association*

presents

MSU AQ Celebration

with

Alumni & Friends

Saturday, October 5, 2013
at the Bond Learning Center

2401 S. Kansas Expressway • Springfield, Mo.

Reception at 6:00 p.m.
Dinner at 7:00 p.m.

Come celebrate Missouri State University Darr School of Agriculture's achievements.
Dinner • Live Music • Guest Speaker
Live Auction • Silent Auction • And more!

RSVP by Sept. 16, 2013, to update your contact information and for more information call 417.837.2500 or email agriculture@missouristate.edu.

To update your contact information with MSU visit alumni.missouristate.edu, call 417.836.5654 or email alumni@missouristate.edu.

Dr. Anson Elliott, director, Darr School of Agriculture, State Senator Mike Parson, 28th District, and Forrest Lucas, Lucas Cattle, Co. touring the Lucas operation.



MSU participates in trade shows at fairs

By Alex Morris

Last summer the William H. Darr School of Agriculture had a trade show exhibit at the Ozark Empire Fair. The experience was so positive, there are now plans to participate at this year's OEF and also to exhibit at the Missouri State Fair.

Last year's trade show exhibits were designed by the ag leaders class. This year the exhibit also will be designed by the class. Hosting of the exhibit will include students and faculty.

"No doubt students in agriculture are Missouri State's best recruiters," said Jim Bellis, assistant director of the Darr School of Agriculture and the ag leaders class instructor. "The ag students make a good impression, and people like to talk with them. A booth without people isn't very meaningful."

The booth at the OEF consisted of activities for children that involved games borrowed from Farm Bureau, agriculture information for consumers, and information about the William H. Darr School of Agriculture.

"Having booths at major events throughout our community, state and even the nation are very important," said Alison Bos, an agricultural communications MSU graduate student from Aurora, Mo.

"We have the opportunity to promote our school, as well as educate the public about the importance of agriculture."

The trade show exhibits at OEF and the Missouri State Fair are just two out of many promotional activities for the school of agriculture. The school also attended the Ozarks Farmfest in Springfield, Mo.; Spring Ag and Urban Fest in Springfield, Mo.; National FFA Convention in Indianapolis,



Ind.; Missouri FFA Convention in Columbia, Mo.; and several career shows throughout the state.

"These are regional events, and we work to grow in enrollment and course offerings," remarked Bellis. "It is important that we take our statewide mission and reach beyond the borders of the campus."

Farm Bureau sponsors Salute to Agriculture Basketball Game

By Caroline Frogge

A recruitment event for the William H. Darr School of Agriculture this past year was the Salute to Agriculture Basketball Game, sponsored by the Greene County Farm Bureau and Missouri Farm Bureau.

Over 400 high school students were treated to a free dinner as well as olympic-style games before the main event. Before the game started representatives from agricultural clubs and organizations got to step onto the court, including Brian Austin, junior ag business major from Butler, Mo.

"Before the game starts they have all the presidents of the different agriculture clubs come down to the court," stated Austin. "Our president of Alpha Gamma Sigma was unable to attend, so I stepped in for him. All I had to do was smile and wave while everyone saw my face on the big screen. My favorite part was definitely being out on the

court and hearing everyone in JQH Arena cheer for our agriculture department."

Unfortunately, our Basketball Bears did not win the game, but hopefully

Missouri State and the William H. Darr School of Agriculture won over the hearts of many potential students.



Officers from MSU agriculture clubs represent on the court at the Salute to Agriculture Basketball Game.

Agriculture students attend National Young Farmers and Ranchers Convention

By Olivia Jaco

This spring 11 agriculture students attended the American Farm Bureau Federation's National Young Farmers and Ranchers Convention in Phoenix, Ariz.

These students were all members of the Collegiate Farm Bureau organization at Missouri State University. While in Phoenix, the students attended informational sessions, met Farm Bureau leaders and watched a fellow student compete in the discussion meet.

MSU student Justin Mauss, an agricultural education major from Bois D'arc, Mo., competed in a town-hall style discussion where he deliberated different ways to fix problems within the Farm Bureau organization.

The students attended many informational sessions during the three-day conference including leadership programs. Students also listened to a panel of state Farm Bureau legislative staff discuss the current Farm Bill and how to make it a reality.

Another session focused on social media and how to get engaged with consumers via Twitter, Facebook, YouTube and blogs. Other sessions included advocacy tips, local politics and the federal budget.

"It was neat to attend the conference and the various sessions that centered around the importance of agricultural advocacy and also what the outlook for agriculture will be in the rest of 2013," said Bradley Dillner, freshman agricultural business major from Pilot Grove, Mo.

During the large group sessions, the students listened to informational and motivational speakers including Farm Bureau President Bob Stallman and Dr. Bernie Erven, a professor emeritus of agricultural economics at The Ohio State University.

Michael Abraschoff, a former Navy commander and author of "It's your Ship," was another one of the speakers. His speech Putting the Leadership Roadmap to Work involved how to take leadership skills and implement them.

Students also interacted with several Missouri Farm Bureau leaders during sessions and at evening meals.

"Being able to spend time and interact with Missouri Farm Bureau leaders during the conference just made the trip that much more memorable," said freshman Taylor Mize, agricultural business major from Campbell, Mo.

"This trip helped all attendees become better advocates for agriculture and a trip that I would recommend every agriculture major to attend at least once," said MSU Collegiate Farm Bureau President Emily Scott, a senior general agriculture major from Osceola, Mo.



Collegiate Farm Bureau officers Emily Scott and Justin Mauss network with Missouri Farm Bureau leaders including Garrett Hawkins, Missouri State agriculture alumnus.

Freshman Alyssa Cassidy, an agricultural communications major from Fulton, Mo., also praised the trip.

"It was great to be among such dedicated agriculturalists all working to improve the role we play in today's society," said Cassidy.

Along with Mauss, Dillner, Mize, Scott and Cassidy, six other Missouri State students attended the conference including Taylor Short, senior agricultural communications major from Mansfield, Mo.; Quaid Taylor, junior agricultural education major from Ozark, Mo.; Laura Wolf, junior agricultural communications and agricultural education major from Tipton, Mo.; Lauren Garoutte, junior agricultural education and environmental plan-crop science major from Aurora, Mo.; Isabella Michitsch, freshman agricultural business major from Russellville, Mo.; and Olivia Jaco, freshman agricultural communications major from Jackson, Mo.



Back row, from left: Taylor Mize, Bradley Dillner, Justin Mauss and Quaid Taylor. Middle, from left: Taylor Short, Lauren Garoutte, Laura Wolf and Emily Scott. Front, from left: Olivia Jaco, Alyssa Cassidy and Isabella Michitsch.

November scholarship banquet highlights

SCHOLARSHIPS RECIPIENTS

HOMETOWN



Agriculture Alumni Scholarship
Tim Eggerman, alumni representative (left), presents the award to Tyler Harding, senior Wildlife Conservation major from Doniphan, Mo.



Henry and Grace Carr Farm Scholarship
Wilma Jean Lower (left), presents the award to Bradley Dillner, freshman Ag Business major from Pilot Grove, Mo.



Douglas W. Darr Leadership Scholarship
Zachary Slaight, grandson to William H. and Virginia Darr (left), presents the award to Emily Scott, juniorgeneral agriculture major from Osceola, Mo.



Farmers Coop Livestock Marketing Scholarship
Dr. Ben Onyango, associate professor (left), presents the award to Matthew Brooks, sophomore animal science major from Fair Grove, Mo.



FFA Scholarship
Dr. James Hutter, professor (left), presents the award to Jared Jacobs, freshman ag business major from Drexel, Mo.



Jack Gordon Memorial Scholarship
Ralph Gordon (left), presents the award to Taressa Rankin, senior animal science major from Galena, Mo.

Agriculture Alumni Scholarship*		
Senior	Paige Jenkins	Pleasant Hope
Senior	Samantha Sellers	Caruthersville
Senior	Tyler Harding	Doniphan
Sophomore	Cassie Reid	Bosworth
Sophomore	MacKenzie Oswald	Ballard
Freshman	Marissa Tucker	Cassville
Freshman	Corey Simmons	Cameron
Freshman	Raymond Winfrey	Humansville
Craig E. Arnett Memorial Agricultural Scholarship		
Freshman	Dalton Freeze	Stockton
Craig E. Arnett Memorial Equestrian Scholarship		
Junior	Daniel Potter	Bentonville, Ark.
Gayle Ashley Horticulture Club Scholarship*		
Senior	MaryAnn Boro	Skyline
Henry and Grace Carr Farm Scholarship*		
Freshman	Marissa Inman	Troy
Freshman	Bradley Dillner	Pilot Grove
Marilyn R. Daniel Equine Scholarship		
Sophomore	Alyssa Mackey	Ozark
Douglas W. Darr Leadership Scholarship*		
Senior	Ashley Kelly	Joplin
Junior	Sylvia Garnett	Stella
Junior	Emily Scott	Osceola
Sophomore	Nicole Markway	Eugene
Sophomore	Laura Wolf	Tipton
Sophomore	Mia Mann	Leonard
Sophomore	Avery Casey	Sheldon
Freshman	Alyssa Cassidy	Fulton
Freshman	Kaleb Killingsworth	Walnut Grove
Freshman	Ashlee Jones	Sparta
The Dr. Bruce Johnson/Honor Society of Delta Tau Alpha		
Senior	Casteel Kirk	Urbana
Farmers Coop Livestock Marketing Scholarship*		
Senior	Gabrielle McCollum	Wappapello
Sophomore	Matthew Brooks	Fair Grove
Freshman	Samantha Searcy	Lees Summit
FFA Scholarship		
Freshman	Jared Jacobs	Drexel
Freshman	Rebecca Travis	Frankford
FFA State Officer Scholarship		
Freshman	Ashlee Jones	Sparta
Freshman	Sarah Bastin	Carthage
FCS Financial Scholarship		
Sophomore	Allyson Walls	Portageville
Jack Gordon Memorial Scholarship		
Senior	Taressa Rankin	Galena
Dennis M. and Janice K. Grisham Scholarship*		
Junior	Benjamin Howard	Eldon

SCHOLARSHIPS RECIPIENTS HOMETOWN

Christian Robert Hirsch Memorial Scholarship*
 Junior Brian Austin Butler

Harry and Marion James Agronomy Scholarship*
 Freshman Olivia Jaco Jackson

Arnie Johnson Agriculture Scholarship
 Junior William Boyer Cadet

Dr. Norman Justus SWVATA Scholarship
 Freshman Heather Gray Carthage

Glenn E. and Ruth Z. Karls Agriculture Scholarship*
 Junior Erin Woody Mt. Vernon
 Sophomore Colleen McKay Plattsburg
 Freshman Brittanie Schuette Richmond
 Freshman Ashley Wilks Strafford
 Freshman Marisa Foster Strafford
 Freshman Izabella Michtschi Russellville
 Freshman Laura Guffey Osceola

Benjamin Charles Kruse Memorial Scholarship
 Sophomore Rachel Treppler St. Louis

James P. and Margaret S. Landreth Scholarship*
 Freshman Emily Dilley Pattonsburg

Liberty Bank Agricultural Business Scholarship
 Senior Colt Whitesell El Dorado Springs
 Sophomore Laura Garoutte Aurora

MFA, Inc. Scholarship*
 Senior Sarah Wrinkle Aurora

H. Lewis Miller Endowed Scholarship*
 Freshman Joshua Buckner Walnut Grove

Missouri Farm Bureau Foundation for Agriculture
 Senior Kayla Benedict Bolivar
 Sophomore Justin Mauss Ash Grove

Ed Pinegar Scholarship*
 Junior Kelsey Scott Willard

Howard Pyle Memorial Scholarship*
 Junior Erin Reynolds Bolivar

Vernon Renner Scholarship*
 Senior Jason Mefford Windsor
 Senior Jennifer McGinnis Marshfield
 Junior Melissa Bueckner Higginsville
 Junior Lora Drake Hume
 Sophomore Jacob Phillips Marshall
 Sophomore Samantha Kent Fair Grove

S & H Farm Supply Excellence in Agriculture Scholarship
 Senior Micaela King Sullivan

John D. Schatz Scholarship*
 Junior Dana Gray Springfield

Helen Spangler Smith Agriculture Scholarship*
 Junior Kelsey Lauberth Westphalia



Harry and Marion James Agronomy Scholarship
 Dr. Harry James (left) presents the award to Olivia Jaco, freshman ag communications major from Jackson, Mo.



Glenn E. and Ruth Z. Karls Agriculture Scholarship
 Dr. Melissa Hudson, assistant professor (left), presents the award to Erin Woody, junior ag business major from Mt. Vernon, Mo.



H. Lewis Miller Endowed Scholarship
 Rocky Miller (left), presents the award to Joshua Buckner, freshman Pre-Vet major from Walnut Grove, Mo.



Missouri Farm Bureau Foundation for Agriculture Scholarship
 Blake Hurst, Missouri Farm Bureau president (left), presents the award to Justin Mauss, sophomore ag education major from Ash Grove, Mo.



Vernon Renner Scholarship
 Tom DeWitt, per course soils professor (left), presents the award to Jason Mefford, senior plant major from Windsor, Mo.



John D. Schatz Scholarship
 Michael Klem, Coordinator Business and Support Services (left), presents the award to Dana Gray, junior horticulture major from Springfield, Mo.

November scholarship banquet highlights *cont.*

SCHOLARSHIPS	RECIPIENTS	HOMETOWN	AWARDS	RECIPIENTS	HOMETOWN
J.N. Smith/FCS Financial Memorial Scholarship	Senior Senior Junior	Micala Penton Cara Spencer Danielle Moomey	Harrisburg Northwestern Mt. Vernon	Schnelle Sparkman Farm Bureau Salute to Agriculture Award	Junior Jason Obermann Monett
Stanlie H. and Belva Ross Spangler Memorial Scholarship*	Junior Freshman	Jessica Sokolic Kaylie Winschel	Branson Perryville	Greene County Farm Bureau Award	Senior Senior Ashley Winfrey Chase Garretson Humansville Humansville
David F. Stanke Memorial Scholarship*	Sophomore	Chalene Fecht	Nevada	Grape Biotechnology Program Internship	Graduate Aaron Exner Springfield
Charles and Patricia Stufflebeam Agricultural Scholarship*	Sophomore	Brian Bunton	Lamar	Clif and Gail Smart Professorship in Agriculture	Dr. Wenping Qiu
Robert F. Thomson, Jr. Memorial Family Scholarship*	Sophomore	Kimberley Clem	Willard	Distinguished Service Award	Mr. Henry Johnson Chaumette Vineyards and Winery
Uncle Tom Watkins Memorial Scholarship*	Sophomore	Emily Quas	Ozark	The Honor Society of Delta Tau Alpha Outstanding Freshman Award	Sophomore Laura Wolf Tipton
White River Valley Electric Cooperative Scholarship	Senior Junior	Taliaa Pendergrass Noelle Mollhagen	Linn Cabool	W. Anson Elliott Citizen Leadership Award	Casteel Kirk Daniel Potter Urbana Springfield
Dennis and Phyllis Schmitt Graduate Scholarship	Graduate	Abby Zender	Springfield	Glenn E. Karls Senior Excellence Award	Paige Jenkins Pleasant Hope

*Denotes endowed scholarship



Stanlie H. and Belva Ross Spangler Memorial Scholarship
James Smith (left), presents the award to Kaylie Winschel, freshman environmental plant science major from Perryville, Mo.



Charles and Patricia Stufflebeam Agricultural Scholarship
Dr. Gary Webb, professor (left), presents the award to Brian Bunton, sophomore ag business major from Lamar, Mo.



Clif and Gail Smart Professorship in Agriculture
Clif Smart, president of Missouri State(left), Gail Smart, wife and attorney, present this newly endowed chair to Dr. Wenping Qiu, director of center for grapevine biotechnology. Dr. Anson Elliott.



Students are working together in Dr. Alsup's specimen lab. AGP483 730.



Schnelle Sparkman Farm Bureau Salute to Agriculture Award

Eric Schnelle (left), presents the award to Jason Obermann, junior animal science major from Monett, Mo.



Greene County Farm Bureau Award

Tom Huff (left), presents the award to Ashley Winfrey, senior ag education major from Humansville, Mo. (left), and Chase Garretson, animal science major, also from Humansville, Mo.



Grape Biotechnology Program Internship

Dr. Wenping Qiu (left), presents the award to Aaron Exner, graduate student in Plant Science from Springfield, Mo.



The Honor Society of Delta Tau Alpha Outstanding Freshman Award

Dr. Anson Elliott (left), presents the award to Laura Wolf, sophomore ag communications major from Tipton, Mo.



Distinguished Service Award

Mr. Hank Johnson owner/operator of Chaumette Vineyards and Winery in Ste. Genevieve, Mo. (left), accepts the award from Dr. Anson Elliott, director of Darr School of Agriculture.



W. Anson Elliott Citizen Leadership Award

Dr. W. Anson Elliott, director of Darr School of Agriculture (left), presents the award to Casteel Kirk, senior ag education major from Urbana, Mo. (left), and to Daniel Potter, senior animal science major from Springfield, Mo.



Glenn E. Karls Senior Excellence Award

Dr. Anson Elliott (left), presents the award to Paige Jenkins, senior environmental plant science major from Pleasant Hope, Mo.



Ag Review staff members make final edits in the publication. Pictured in front, from left, Laura Wolf, sophomore agricultural communications and education major, Tipton, Mo.; Alison Bos, agricultural communications graduate student, Billings, Mo.; and Pamela Mayer, library associate II, Evans Library of Fruit Science and Ag Review layout and photo editor. In back, from left, Emily Scott, senior general agriculture major, Osceola, Mo.; Joyce Cutright, per course instructor for agricultural communications and Ag Review editor; and Lora Drake, senior agricultural education major, Hume, Mo.

MSU students again this year worked in the media room at the Missouri State FFA Convention. Students who participated were:

- Kristyn Stidham
- Rachel Kennedy
- Stephanie Stockley
- Taylor Casey
- Lora Drake
- Alison Bos
- Laura Wolf
- Stephanie Morgan

Freshman GEP students organize ag expo

By Caroline Frogge

For the second year in a row the annual Ag Expo, organized by William H. Darr School of Agriculture students, was held at the new Bond Learning Center.

Freshmen from both Jim Bellis' and Sue Webb's General Education Program classes organized this recruitment event for high school juniors and seniors. Over 300 Missouri high school students, the largest number to date, were bussed in for the occasion.

"The purpose of the Ag Expo was to make connections with high school students and promote the William H. Darr School of Agriculture," said Alyssa Cassidy, freshman agricultural communications major from Fulton, Mo. "We did this by hosting a career fair made up of all the different agriculture clubs and organizations, performing a humorous play highlighting the facts about Missouri State University and presenting an informative power point that explained the basics of choosing MSU to further their education."

One of the highlights of the day was the skit by the Missouri State University students. It was based on the popular

television show NBC's The Voice. Students were in the spinning judges' chairs firing off facts and statistics about MSU.

"The purpose of the skit was to compare MSU to other top colleges in the state," explained Cassidy. "The judges tried to get students to join their team by giving statistics about degree programs, tuition rates, as well as student success stories."

The day ended with lunch in a campus dining hall followed by a campus tour. Cassidy said giving the tours was her favorite part of the day as she got to express her enthusiasm for the William H. Darr School of Agriculture.

"My favorite moment from the event had to be during the tours when the students would ask me why I joined the school of ag and if I was happy with my decision," said Cassidy. "The answer was always yes. I was very happy with my decision and I chose MSU because the faculty members were all involved with the students, cared about what they wanted to do with their lives and were determined to help them achieve their goals."



MSU hosts the largest crowd to date at this year's Ag Expo.

Missouri State agricultural leaders class recruits high school students

By Logan Taylor

Members of the ag leaders class at Missouri State University visited around 30 high schools for recruitment during the spring semester. Ag leaders is a one hour class consisting of around 25 students, and is coordinated by Jim Bellis, assistant director of the William H. Darr School of Agriculture. The class helps to recruit new students to the school of agriculture, as well as represent the school at various community functions. Class members are separated into different committees including the high school visits committee, the Missouri Agribusiness Academy committee and the FFA relations committee.

Tom Hermann, freshman agribusiness finance and management major from Ste. Genevieve, Mo., was a member of the high school visits committee. He visited an event in Farmington, Mo., where he spoke to high school students from Farmington, Valle Catholic, Arcadia Valley and Bismarck. He emphasized that students enrolled in the school of agriculture come from all different parts of Missouri with various backgrounds. He also highlighted the faculty's open-door policy and the willingness of professors to connect with and help students. Hermann said that being able to recruit for MSU and sharing his experiences with high school students meant a lot to him, and that he believes it is very important to continue drawing in new students.

Brad Dillner, agribusiness finance and management major from Pilot Grove, Mo, went with a small group of MSU students to Pattonsburg High School. There, they emphasized that MSU is a tight-knit

community, with small classes and close student-teacher relations. They also spoke about the acquisition of Journagan Ranch in Mountain Grove, Mo. After they spoke, Dillner and his group handed out prizes including pencils, key chains and t-shirts. Dillner said that he really enjoyed being able to see new parts of Missouri. He also said that it was fun to share his experiences with people, and help them along the path of making their college decision.

According to Dr. Anson Elliott, director of the William H. Darr School of Agriculture, the agricultural leaders class began 15 years ago as a way for students involved in leadership in high school to continue to be involved in leadership. At the time of its inception, it was one of only two leadership classes offered on campus and the only one offered to undergraduates. Over time, it evolved to also include student ambassadorship and recruitment. Because of the school of agriculture's emphasis on leadership, the entire university has adopted ethical leadership into its public affairs mission, and has also integrated ethical leadership into the general education program.



Newly elected MSU President Clif Smart establishes the first endowed professorship in the Darr School of Agriculture

By Erica Strode

Clifton M. "Clif" Smart III was introduced as the new president of the university Oct. 16, 2012, at a ceremony in the Plaster Student Union Theater. In his acceptance speech, Smart donated \$30,000 from his housing allowance to the William H. Darr School of Agriculture. Smart's annual gift will finance the Clif and Gail Smart Professorship in Agriculture for 10 years.

"We wanted to support our William H. Darr School of Agriculture because of the great research it is doing at the research campus in Mountain Grove," said Smart. "Because I support improving faculty salaries and this is one of our strongest departments, but has no endowed faculty positions; because the School of Agriculture has grown in enrollment and, therefore, needs additional resources..."

Smart said he made this donation in honor of his grandfather Clifton Smart who farmed cotton for 60 years in Mississippi County, Ark. When speaking of his grandfather, Smart described him as being "One of the people I pattern my life on..."

Clifton M. "Clif" Smart III

"[I see] unlimited potential as all programs grow and mature," said Smart in reflecting about the future. "[I] believe we can expand into urban agriculture and that graduate programs can grow, increasing the reputation and profile of the school and university."

"Our students can compete with the students at any university and continue to excel in all fields," added Smart.



Dr. Norman Shealy feeds the beefalo cattle that were included in his gift to the Darr School of Agriculture.

William H. Darr School of Agriculture receives funding to increase agricultural awareness

By Ben Howard

In 2013 Missouri State University's William H. Darr School of Agriculture received a grant for the project Linking to Focus on Agriculture Sustainability and Food Security (LFASFS). Funds totaling \$277,243 from the U.S. Department of Agriculture will be used for three main projects: an animal science industry tour class, an agriculture advocacy class, and mini-grant funding for both graduate and under-graduate students who wish to pursue research. The outreach from these programs is aimed at the general public and students from urban settings.

Outreach Coordinator Christine Sudbrock was a co-author of the grant. She explained, "We need to be our own best advocates. With less than two percent of the population currently involved in production agriculture, we're finding that the story that is being told is largely one-sided, and it's not really in favor of us."

The grant abstract notes that a main goal of these projects is helping non-agriculturalists develop a more comprehensive picture of national agricultural practices and challenges.

The animal science industry tour class is scheduled for the week of May 20. It will include stops in Kansas, Nebraska and Colorado. The class, officially known as survey of sustainable animal agriculture, will include students from MSU, Northwest Missouri State University and the University of Central Missouri. Students learn as a group and independently teach themselves. These partnering universities will also be sharing the mini-grant funding for research projects.

The other class the grant will fund is advocating policies affecting food security which will be offered fall 2013. The goal



Darr School of Agriculture faculty work on the LFASFS grant. From left: Agricultural Economics Professor Dr. Arbindra Rimal, Darr School of Agriculture Outreach Coordinator Christine Sudbrock, Darr School of Agriculture Director Dr. Anson Elliott and Animal Science Professor Dr. Gary Webb.

of this class is to create effective advocates for agriculture who can tell the story of agriculture to the public by using leadership and through study of public perceptions.

The mini-grant funding for research also supports the advocacy factor of LFASFS. The students applying for this funding will be required to publish findings in a non-scientific popular press article where the information gained will be easily accessible to the general public, rather than scientific journals which are published primarily for professional academics.

"Part of that advocacy component is being able to write for a broad audience," said Sudbrock. "People really don't have a clear idea of where their food comes from. We're starting to see that more people are concerned about that and I think that's wonderful."

Another goal of LFASFS is to establish social media tools that can be used to promote agriculture and agricultural research to the public. These will compliment another area of the grant, which will increase awareness about jobs in agriculture to those students from an urban or non-agricultural background.

Bill and Virginia Darr assist graduate students by providing assistantships. Pictured from left, Bill and Virginia Darr; Micala Penton; Alison Bos; Emily Scott; and Paige Jenkins.



MSU senior Stephanie Morgan receives national scholarship

Stephanie Morgan, Missouri State University senior agricultural communications major, Lamar, Mo., was selected as one of three students nationwide to receive a National Association of Farm Broadcasting Foundation Scholarship. The \$4000 scholarship was presented to Morgan during the NAFB Convention, Nov. 7-9, Kansas City, Mo.

Morgan is the director of communications for the Missouri Cattlemen's Association and will work full-time with MCA after graduation. In the broadcasting field Morgan worked for KKOW Radio, Pittsburg, Kan. She also worked in communications and marketing positions for Missouri Farmers Care, Missouri Pork Producers Association and the Missouri Soybean Association.

In the last 12 years, three MSU students have received NAFB scholarships.

1997 MSU graduate Janet Adkison, who is the current NAFB president elect and a reporter with RFDTV, Nashville, Tenn., said the selection is an honor for Morgan and MSU.

"This reflects well on the agricultural communications curriculum within the William H. Darr School of Agriculture," Adkison said. "It is remarkable that MSU has had three recipients in a relatively short time period, as there are so many universities across the nation with much larger agricultural journalism/communications programs."

"This recognition speaks to the quality of MSU students and the school of agriculture," Adkison said.



Stephanie Morgan (right) receives National Association of Farm Broadcasters Scholarship. Pictured with Morgan is Joyce Cutright, MSU agricultural communications instructor.

"It was an honor to represent MSU at the NAFB scholarship awards ceremony," said Joyce Cutright, MSU agricultural communications instructor. "Stephanie has and will be a great ambassador in life for agriculture and MSU. Through the years three of my agricultural communications students have received this scholarship and I am so proud of each one of them."

State FFA officers attend Missouri State

By Rachel Kennedy

Two students of the William H. Darr School of Agriculture served as Missouri State FFA Officers for 2012-2013. Ashlee Jones, an accounting and agricultural business major from the Sparta FFA Chapter and Sarah Bastin, an agricultural business and agricultural communications major from the Carthage FFA Chapter, represented their respective FFA areas as well as the William H. Darr School of Agriculture.

Jones said that she found a true passion for not only agriculture, but also for inspiring others to work hard for things they want.

"I was so lucky to have given a year of service back to an organization that had given me so much," said Jones. "This organization has a goal of developing young leaders through premier leadership, personal growth and career success and I am pleased to say that I was able to be a part of the leadership that hopefully inspired at least one member."

The school of agriculture will once again be represented with the election of the 2013-2014 state officers. Area 12 Vice President Morgan Coday, of Seymour, Mo., and Area 11 Vice President Jonathan Bellis, of Aurora, Mo., were elected in April at the 85th Missouri State FFA Convention. Coday, a member of the Seymour FFA Chapter, has plans to major in animal science. Bellis said he intends to study environmental plant science with an emphasis in plant genetics.

Internships yield valuable and unforgettable experiences

By Sarah Hitsman

Over 150 students from the William H. Darr School of Agriculture participate in paid and unpaid internships each year.

The unpaid internship is 40 hours work per credit hour. Because the time commitment is all volunteer, the 40 hours is usually spread over multiple weeks.

Erica Strode, a junior animal science major from Hermitage, Mo., is working as an unpaid intern with the Farm Service Agency in Bolivar, Mo. Strode has been an intern with FSA since August 2012. She works every Tuesday for three to four hours and has accumulated 150 total hours. Strodes' main job duties include filing milk receipts, inputting data, printing off land maps and hours of copying.



“Even though the job seems simple, a lot goes into the work,” said Strode. “The experience can give you really good skills and my office skills have gotten better.”

The paid internship is 80 hours work per credit hour. Jim Bellis, school of agriculture assistant director, said that since the student with a paid internship works at the business as an employee, rather than a volunteer, the hours are usually more condensed.

Alison Bos, agricultural communications graduate student from Billings, Mo., participated in two internships as an undergraduate. Bos' internships included an



Attendees at the governor's proclamation for June Dairy Month.

unpaid internship in the Springfield office of Congressman, now Senator Roy Blunt and a paid internship with Midwest Dairy Association.

Bos served as an intern in the MDA Ozarks Region covering the states of Missouri, Oklahoma, Kansas and Arkansas. She worked under Stacy Dohle, MDA communications manager, who graduated from Missouri State University in 1995 with a degree in agricultural communications.

Bos' duties included working at state fairs and community events promoting dairy products and advocating for agriculture, writing news releases, and working with schools in the Fuel Up to Play 60 Program. As part of her job, Bos even presented a gift on behalf of MDA to Missouri Governor Jay Nixon.

“Internships direct you to where your niche is,” said Bos. “You can discover what you like and what you're good at.”



Officials of Novogrod University in Russia meet with our director to discuss trade.

Kirk receives Citizen Scholar Award

By Laura Wolf

Casteel Kirk, a senior agricultural education major from Urbana, Mo., was chosen by the Missouri State University Board of Governors as one of six 2012 Citizen Scholar Award winners. Kirk, who was nominated for the award by Jim Bellis, William H. Darr School of Agriculture assistant director, credits Kirk's achievement to her involvement in agricultural organizations and her experiences as a student in the school of agriculture.

The citizen scholar award program is managed by the MSU division of student affairs. The selection criterion includes demonstration of leadership, individual accomplishment, character, ethical behavior and connection with the university's public affairs mission.

"It was such an honor to be chosen as one of just six students, and I feel inferior compared to the other five. They are incredible people, and they are going to do awesome things in life," said Kirk.

Kirk has served in leadership positions in agricultural organizations throughout her college career. She was the 2012 National Delta Tau Alpha agricultural honor society president. At the campus level, Kirk has served as president of Collegiate FFA and executive vice president of Sigma Alpha professional sorority.

"My involvement in organizations within the school of agriculture has prepared me to be a professional in my chosen field," said Kirk. "The opportunities I've had to network with students from all over the state and the country, and serve as a role model to younger students have made me the leader I am today."

Through experiences in organizations and internships, Kirk said she developed the ability to connect with varying perspectives.

"I value the opinions of others and I'm not afraid to ask for help when I need it. Because of my passion for agriculture, I can be just as comfortable talking to a group of high school students as I am talking to the farmer down the road or the president of the university," said Kirk.

The university's public affairs mission combines ethical leadership, cultural competence and community engagement. Citizen scholars are expected to understand and apply the public affairs mission.

"A person cannot possess one pillar of the public affairs mission without the other two. A person is not a leader without understanding other cultures. You cannot understand other cultures without getting to know the community. And, a person is not a leader if he or she does not get out and engage in the community," said Kirk.

MSU agriculture student studies abroad in Africa

By Alison Bos and Erica Strode

Cassie Reid spent the spring semester studying at the University of Ghana in Accra, Ghana, West Africa, through the International Student Exchange Program.

Reid, a sophomore agricultural communications major from Bosworth, Mo., studied agriculture extension, and took courses in religion, sociology, history, and political science. She also took a Ghanaian language course in Twi, a Native African language.

Reid chose to study in Ghana because she said it had an excellent agriculture program and she wanted to discover the differences between American and Ghanaian agriculture.



Cassie Reid stands with her Ghanaian friends.

"The University of Ghana just fit and felt right," said Reid.

Throughout her experience, Reid said she discovered that academia is much different at the University of Ghana than it is at Missouri State University. At UG, most courses had only two examinations, an interim assessment and a final paper. She said after experiencing UG classes, she is definitely ready to again start classes at MSU.

Despite the differences in course structure, Reid said she enjoyed every second of her time abroad.

"Choosing to study in Ghana has offered amazing opportunities to learn about a culture different from that of the American culture," Reid said. "I have gained experiences that I would not have had if I had chosen to stay at MSU."

Reid said she encourages other students to consider studying abroad.

"Go for it! Take a leap and go," Reid said. "Forget the fears and prepare for the most amazing experience of your life."

MSU students study elephants in Sri Lanka

By Devon Priestler

Three students had the opportunity to accompany Missouri State's Dr. Dennis Schmitt, professor of animal science, overseas to study the conflict between humans and elephants. Schmitt has been actively involved with elephant research since 1999 when he successfully bred an elephant via artificial insemination.

The MSU group left Aug. 4 for Sri Lanka. The students who participated were Elle Swift, biology major from Neosho, Mo.; Caroline Frogge, animal science major from Joplin, Mo.; and Ken Harman, graduate student and keeper at Dickerson Park Zoo. Schmitt's wife Phyllis Schmitt also went on the trip.

The program provided an opportunity for participants to gain one-on-one time with elephants of Pinnawala Elephant Orphanage. The students also attended educational lectures regarding various types of wildlife in Sri Lanka. One lecture was given by Dr. Rajah, senior veterinarian at the national zoo.

"My favorite experience was when we went into Uda Walawe National Park," said Frogge. "We got to go into restricted zones because we had a local elephant veterinarian with us."

While the emphasis was on the study of local elephants, students were given time to travel. Among the stops was Kandy, where they visited the Temple of the Tooth; Peradeniya University; and the elephant orphanage. Mihintale was another region explored. There the group visited Rajarata University, the Cultural Triangle, Ringling Bros. Center for Asian Elephant Research, Minneriya National Park and the Department of Wildlife Training Center.



Caroline Frogge and Elle Swift bathe a captive bull elephant in a Sri Lankan river.

Participants witnessed firsthand the growing problems affecting the Sri Lankan elephant population and other wildlife. Not only did students attend lectures, but they were allowed to work alongside some of the country's wildlife experts. They were taught how to raise and release orphaned elephants into the wild, and ways to prevent human/elephant conflict on reservations.

In addition to the study of wildlife, the program was intended to provide a unique cultural experience. Students were encouraged to study important figures, folklore and events that shaped the country's history. Also studied were minorities and the general population, as well as the development of agriculture and its effect on local wildlife.

Students were required to keep a journal of their experiences. They were to write about how the day's activities helped them achieve the goals outlined for the course and the influence it had on them. Students could receive credit for their time spent overseas and were graded based on their journal content.

The \$3,760 program cost included round-trip airfare, lodging, meals, study-away student fees and basic medical insurance. Frogge said she hopes that the program will continue in the future, so students with an interest in wildlife, agriculture and cultural studies also can benefit from the valuable experience.



Elle Swift (left) and Caroline Frogge thank Roni, the Asian elephant, for a safe ride through the jungle.

Ben Howard, senior animal science major from Eldon, Mo., and other members of the agricultural communications class work on articles for Ag Review.



International students thrive in the William H. Darr School of Agriculture

By Parin Triratanachat

The William H. Darr School of Agriculture currently has eight international students enrolled. These students come from many countries including China, England, Nepal and Thailand.

The international students have the opportunity to choose from programs within the school of agriculture that teach them new technologies and ideas to improve agriculture in their home countries.

Parin Triratanachat is a junior animal science major from Bangkok, Thailand. He has plans to work in Thailand after he graduates in order to stay close to his family. Triratanachat said he decided to attend Missouri State University because of campus size and because students have easy access to professors. He added that his love of animals inspired him to study animal science.

“Most of the students in the school of agriculture have had many different experiences with animals and farms,” said Triratanachat. “I enjoy teaching techniques of the professors here because they allow students to study on real animals.”

Xu Chen, a plant science graduate student from Zhengzhou, China, will graduate in the spring. He has plans to find a job related to seed production either in the United States or China. Chen transferred from the China campus to Springfield when he was a junior. Chen said he has had many good experiences and opportunities while at MSU.

“I think MSU is a good university focused on teaching,” Chen said. “I like the school of agriculture very much because all the faculty are very helpful and students are very nice.”

Surya Datta Sapkota, a plant science graduate student from Chitwan, Nepal, will graduate in August and then pursue a doctorate degree. He is heavily involved in the grape breeding project and wants to implement what he has learned in Nepal. Sapkota said he learned about MSU’s viticulture programs from the United States Education Foundation in Nepal.

“I got many good experiences from the school of agriculture such as exposure to many people, many activities and associations in addition to technical expertise,” said Sapkota.

Stephanie Stockley is from Southampton, England. She is a senior studying animal science with a minor in equine science. She is planning to work in the United States after she graduates this fall.

“I chose this major because I love animals especially horses,” said Stockley.



Parin Triratanachat feeds a sheep owned by his Belgian exchange family. He was an exchange student in Belgium while in high school.

Stockley attended Ozark Technical Community College before transferring to Missouri State University. She said she has met with new people and friends, both American and international students from the classes.

“I gained more friends from the group work that professors assigned in class,” said Stockley.

Triratanachat said for international students studying at MSU is truly an exchange experience.

“While we are learning here we are able to share our traditions, cultures and experiences with MSU students and professors,” Triratanachat said.



Dr. W. Anson Elliott, director of the William H. Darr School of Agriculture, traveled with Missouri Governor Jay Nixon’s group to South Korea.

Sudbrock represents Missouri agriculture in Central America

By Alison Bos

Christine Sudbrock, outreach coordinator and agricultural economics instructor at the William H. Darr School of Agriculture, spent the month of April in Central America for a program offered through Rotary International called Group Study Exchange.

Sudbrock and four other individuals from the 6080 Rotary District traveled to the 4240 Rotary District which includes the countries of El Salvador, Nicaragua, Costa Rica and Panama. In October, individuals from the 4240 Rotary District visited southwest Missouri for a month. The purpose of this program is to provide a cultural and vocational exchange. Sudbrock was nominated by the Ozark Rotary Club.

The individuals from the 6080 Rotary District attended meetings, visited businesses and universities, toured popular landmarks, and discovered how the equivalents of their personal jobs operates in those countries. Being involved in the agricultural industry, Sudbrock was able to explore and learn about Central American agriculture.

“I think the great thing about this experience for me has been the fact that agriculture is so ingrained in the economy, culture and education that almost every site we visited was related to my field,” said Sudbrock.

While in Central America, Sudbrock had the opportunity to educate civilians about U.S. agriculture and the diversity of Missouri agriculture. The majority of the time, Sudbrock said she stayed with families and was very impressed by their hospitality. One of the families she stayed with had inherited a farm and wanted to build their agricultural expertise to ensure the land would reach its fullest potential.

“They loved to hear about our program and they are contemplating sending one of



While in Costa Rica Sudbrock shows off her Darr School of Agriculture Bearwear.

their young farm hands to study at Missouri State University to bring that knowledge back to their operation,” said Sudbrock.

Sudbrock also was able to visit many well-known landmarks, including going through the Panama Canal. Sudbrock said she could not describe the feeling she had seeing a living and working part of history.



Christine Sudbrock and the other members from the 6080 Rotary District arrive at El Salvador, the first destination of their month-long stay in Central America.

Sudbrock said the trip to Central America was a great opportunity filled with unforgettable experiences. She added that she could write an entire book to describe how amazing the trip was.

“It was a great experience to hopefully develop contacts to create short courses there for MSU agriculture students,” said Sudbrock. “It was a great chance to really experience the service aspect of Rotary and the difference Rotary is making in people’s lives all around the world.”

Travelling and representing Rotary with Sudbrock were Kim Greene, coordinator for dual credit at Ozarks Technical Community College, Springfield, Mo.; Charles Parker Jr., coordinator of diversity programs at the University of Missouri, Columbia, Mo.; and Jimmy Stilley, vice president of commercial loans at OakStar Bank in Springfield, Mo., where he has developed a specialization in international trade financing.

The team was led by Paul Reinert of the Rotary Club of Springfield, a Rotarian with significant experience leading service projects and business ventures throughout Latin America.

The Rotary Foundation’s GSE program is a vocational and cultural exchange

for non-Rotarian professionals between the ages of 25 and 40 who are in the early stages of their careers.

Students represent MSU in Taiwan

By Alyssa Cassidy

Three Missouri State University freshmen served as university ambassadors for the William H. Darr School of Agriculture trip to Taiwan in December.

Sarah Bastin, agricultural business major from Carthage, Mo.; Alyssa Cassidy, agricultural communications major from Fulton, Mo.; and Timothy Hogenkamp, environmental crop science and natural resource major from Ballwin, Mo.;



Taipei 101 is the second tallest building in the world and the landmark where MSU, Kansas and Nebraska students first met.

participated in the American Agricultural Youth Delegation at the National Taichung Agricultural Senior High School, Taichung, Taiwan.

Joining Missouri State student ambassadors were three high school students from Nebraska, as well as three Kansas State University students.

“It was a great experience. I loved learning about the different culture and the agricultural diversity,” Bastin said.

The American students came together in Taipei, Taiwan. In Taipei, they explored the famous Taipei 101 building and had dinner at the famous Din Tai Fung Restaurant. After dinner the students were transported to the Teachers Hostel of the National Taichung Senior High School.

The MSU ambassadors were greeted at an assembly organized by the Taichung High School teachers. There were 2,000 agricultural students in attendance at the assembly where Bastin, Cassidy and Hogenkamp introduced themselves.

After the assembly the American ambassadors were given a debriefing on the mission of the Taichung Senior High

School of Agriculture. The American students then went into classes where they interacted with younger students. The Taiwanese students loved the idea of teaching the Americans what they learn in class everyday. The Missouri State ambassadors visited a hospitality class and an English class.

MSU ambassadors were encouraged to explore the country’s culture. They traveled to the National Taiwan Museum of Fine Arts and the Chun Shui Tang Cultural Tea House. The ambassadors also attended a traditional dinner and were given a tour of the Taichung Night Market.

On the final day of their trip, the MSU agriculture ambassadors were taken into a Taiwan farming community to learn and discuss agricultural practices. They visited a tea experimentation center, an orchid greenhouse, a mushroom farm and water bamboo fields.

“It was an excellent experience and I recommend all agriculture students try to take advantage of this unique opportunity,” said Hogenkamp.



The delegates from Nebraska, Kansas, and Missouri, and the principals and teachers of National Taichung Senior High School in front of the high school.

MSU students participate in agriculture industry study

By Calli VanRanken

During the January winter intersession, 30 agriculture students traveled to Kansas City and its surrounding areas to visit 12 agribusinesses. They were accompanied by Dr. Benjamin Onyango and Dr. Arbindra Rimal, both professors of agricultural economics, and Christine Sudbrock, outreach coordinator.

The study offers students the unique opportunity to interact with business leaders in the agriculture industry. The students visited several companies including American Dehydrated Foods, Inc., Hammons Products Company, Livestock Marketing Association, Dairy Farmers of America, DELAVAL, Deere and Company, Blue Scope Steel, Osborn and Barr Communications, Federal Reserve Bank of Kansas City, Agra-Associates, FCS Financial and MFA, Inc.

“They get a behind-the-scenes look at the inner workings of many agricultural companies and get a real understanding of the vast variety of careers available to those earning a degree in agricultural business,” said Sudbrock.

Jody Donohue, former marketing director at Livestock Marketing Association, said every day the agriculture industry is creating innovative methods of productions that will help feed the world.

“Agriculturists are the original caretakers of the planet and really serve as stewards for mankind,” said Donohue. “Agricultural products touch every part of our daily lives. The two percent of people who grow what is consumed or converted into goods make it possible for everyone living in the city to have the lifestyle they do.”



Agriculture Industry students enjoying their time at the MFA corporate office located in Columbia, Mo. From left Dakota Arthur, junior animal science major from Greenfield, Mo.; Cheyenne Arthur, junior animal science major from Greenfield, Mo.; and Alyssa Mackey, junior animal science major from Ozark, Mo.

Because of the intense nature of the study, to participate students are required to have completed at least 60 credit hours, six of which must pertain to agricultural economics. Students earn two credit hours for this five-day experience.

Chelsea Carter, a senior agricultural business major from De Soto, Mo., said students participating have the opportunity to get first-hand information about what employers are looking for.

“I gained exposure to the real world of business, specifically agriculture,” said Carter. “Being able to speak with people working in the industry that I’m pursuing was very beneficial in terms of personal growth and also my future line of work.”

This year marked the 41st year that the agriculture industry study has been offered. Sudbrock said that Missouri State University can be proud of our long-standing history of success with this program and the access to upper-level management that is granted.



Agriculture Industry members gather to listen to Dr. Arbindra Rimal, professor of agricultural economics, about the extensive itinerary during the study.



Alison Bos, a graduate student from Billings, Mo., competes in alumni regionals.

PFI donates portion of boot proceeds

By Jared Jacobs

PFI Western Store has pledged to donate a portion of the new Durango Rebel FFA Edition Boot proceeds to Missouri State University and the Missouri FFA Association.

The special FFA edition Durango Rebel cowboy boot has a yellow and blue upper, and the sole has “FFA” in blue and yellow on the left. The FFA emblem is on the right. The best part of the boot is the benefit it has for the National FFA Organization. Durango has pledged to donate \$5 to FFA for every pair sold. There is a minimum donation of \$25,000.

PFI Western Store owner and longtime supporter of MSU Randy Little has decided to match the donation for each pair of boots sold from his store in Springfield, Mo. Half of Little’s donation will go to the MSU School of Agriculture and the other half to the Missouri FFA Association.

To publicize the boots and commitment of Durango and PFI to



Justin Mauss, sophomore agriculture education major from Bois D’ Arc Mo., and Brittanie Schuette, freshman natural resources major from Richmond, Mo., present the FFA Edition Durango Boots to the area 10 and area 12 officers.

agricultural education, several students at MSU set out to present the boots at area FFA banquets. Students of Jim Bellis’ agriculture leaders class presented the boots to the area officers of areas 9, 10, 11 and 12 and explained the benefits the boots have for FFA and MSU.



These boots are really special!



Members of the Ag Leaders class and representatives from PFI Western Store present boots to Area 9 Officers.

Graduates

Summer 2012

Heather Michelle Burk	Claremore Okla.	General Agriculture-BAS
Wesley E Davis	Republic Mo.	Natural & Applied Sci/AG-MNAS
Haley J Diehl	Elkland Mo.	Agr Bus/Agr Fin & Mgt-BS
Kody W Killingsworth	Ash Grove Mo.	Agr Bus/Agr Mkt & Sales-BS
Rodney A Lewis	Nixa Mo.	Agronomy-BS
Cody E McCann	Falcon Mo.	Animal Science-BS
Dave B McCorkendale	Walnut Grove Mo.	Animal Science-BS
Wyatt W Miller	Springfield Mo.	Nat&Appl Sci/AG/Acc-MNAS
Jessica R Missey	Trenton Ill.	Agr Bus/Agr Fin & Mgt-BS
Cheyenne I Shippo	Dadeville Mo.	Animal Science-BS



Members of the agricultural communications class provide articles for this year's Ag Review. Pictured in front row, from left, Sydney Temares, sophomore animal science major, Roach, Mo.; Shayla Severs, senior animal science major, Stella, Mo.; Erica Strode, junior animal science major, Hermitage, Mo.; Alyssa Cassidy, freshman agricultural business major, Fulton, Mo.; Parin Triratanachat, junior animal science major, Bangkok, Thailand.; Alex Morris, freshman agricultural communications major, Ballard, Mo.; and Mallory Early, sophomore agricultural communications major, Leeton, Mo. Second row, from left, Sarah Hitsman, junior animal science major, Aurora, Mo.; Jenilee Martin, senior animal science major, Jasper, Mo.; Olivia Jaco, freshman agricultural communications major, Jackson, Mo.; Kristyn Stidham, sophomore agricultural communications major, Raymore, Mo.; and Stephanie Stockley, senior animal science major, Southampton, England. Third row, from left, Taylor Short, senior agricultural communications major, Mansfield, Mo.; Meagan Bell, junior agricultural communications major, Lebanon, Mo.; Rachel Kennedy, junior environmental plant science and crop science major, Nevada, Mo.; and Jessica Sokolic, junior animal science major, Spokane, Mo. Back row, from left, Morgan Faubion, junior agricultural business major, Jasper, Mo.; Brad Dillner, freshman agricultural business major, Pilot Grove, Mo.; Jared Jacobs, sophomore agricultural business major, Drexel, Mo.; Devon Priestler, senior animal science major, Carthage, Mo.; Caroline Frogge, senior animal science major, Joplin, Mo.; and Calli VanRanken, senior general agriculture major, Zanoni, Mo. Not pictured, Logan Taylor, freshman agricultural communications major, Houston, Mo.; and Ben Howard, senior animal science major, Eldon, Mo.

Fall 2012

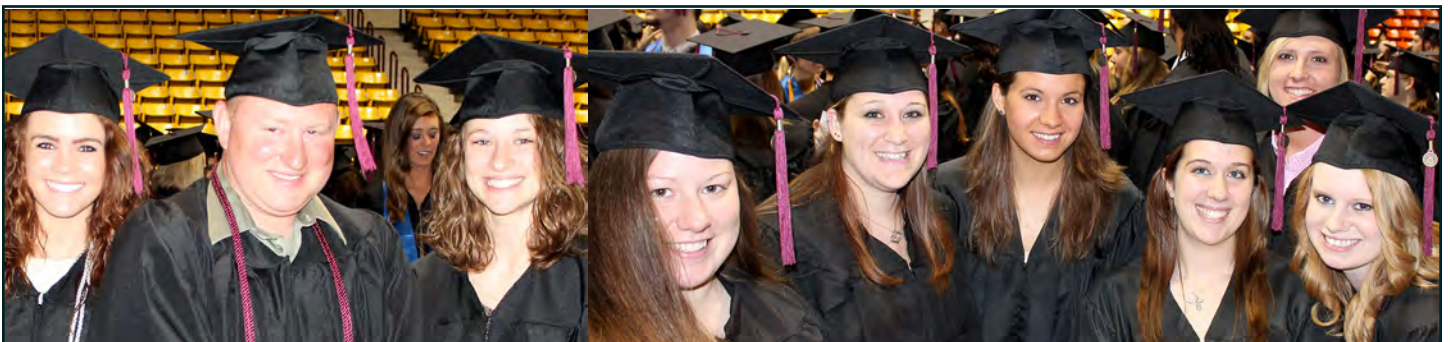
Aaron S. Allan	Carthage Mo.	General Agriculture/Agr-BS
Shana E Austin	Butler Mo.	Agr Bus/Enterprise Mgt-BS
Toby H Back	Reeds Spring Mo.	Horticulture-BS
Breanna R Beers	Springfield Mo.	Horticulture-BS
Steven H Brown	Springfield Mo.	Agr Bus/Agr Mkt & Sales-BS
Ian D Burgess	Ash Grove Mo.	Natural Resources-BS
Shannon L Cavanagh	Lockwood Mo.	Animal Science-BS
Justine L Chastain	Dunnegan Mo.	Animal Science-BS
Rachel D Colley	Mount Vernon Mo.	Animal Science-BS
Durrell E Dixon	Eolia Mo.	General Agriculture/Agr-BS
Cory L Dummit	Republic Mo.	Agr Bus/Agr Mkt & Sales-BS
Miles D Fugate	Springfield Mo.	Wildlf Consvrt & Mgt/AG-BS
Jess E Fury	Springfield Mo.	General Agriculture-BAS
Patrick Li Greenwald	Rolla Mo.	Plant Science-AG Dept-MS
Alexandra Griffeth	Springfield Mo.	Wildlf Consvrt & Mgt/AG-BS
Tyler Kent Harding	Doniphan Mo.	Wildlf Consvrt & Mgt/AG-BS
Michael E Hendley	Battlefield Mo.	Wildlf Consvrt & Mgt/AG-BS
Jamie D Johansen	Falcon Mo.	Natural & Applied Sci/AG-MNAS
Coy W King	Springfield Mo.	Natural Resources-BS
Nicole Ann Klinnert	Wagoner OK	General Agriculture-BAS
Bethany M Markway	Eugene Mo.	Nat&Appl Sci/AG/Acc-MNAS
Brett A Marshall	Springfield Mo.	Natural Resources-BS
Diane L Mayberry	Republic Mo.	General Agriculture/ Agr-BS
Adam Lee McGuire	Plato Mo.	General Agriculture/Agr-BS
Lauren N Morlok	Montrose Mo.	Agr Bus/Enterprise Mgt-BS
Mallory L Payne	Independence Mo.	Animal Science-DS
Taliaa D Pendergrass	Linn Mo.	Wildlife Consvrt & Mgt/AG-BS
Mark Allen Redick	Dadeville Mo.	Animal Science-BS
Bradley J Schofield	Buffalo Mo.	Agronomy-BS
Wil Morgan Shrable	Seymour Mo.	Agronomy-BS
Brittany E Slayton	Poplar Bluff Mo.	Animal Science-BS
Cody B Smith	West Plains Mo.	Agr Bus/Agr Mkt & Sales-BS
Kacie E Smith	Springfield Mo.	Animal Science-BS
Kristopher Sprenkle	Pierce City Mo.	Animal Science-BS
Jessica L Stiles	Dunnegan Mo.	Animal Science-BS
Garrett A Stramel	Carthage Mo.	Agr Bus/Agr Fin & Mgt-BS
Christopher Gene Wake	Pomona Mo.	General Agriculture/Agr-BS
Joshua P Wood	Weaubleau Mo.	Natural Resources-BS



Dr. Elliott, director of the school, and Dr. Frank Einhellig, provost, take a moment to pose with agriculture graduates Emily Scott and Micala Penton.

Spring 2013 (prospective)

Heather Artist	Clinton Mo.	Natural Resources-BS	Kelly G McGowan	Springfield Mo.	Horticulture-BS
Kayla D Benedict	Flemington Mo.	Agr Bus/Agr Fin & Mgt-BS	Kayla Marie Medley	Springfield Mo.	Gen Agriculture/Agr-BS
Lyndsea R Berry	Conway Mo.	Wildlife Consvrt & Mgt/AG-BS	Jason Aaron Mefford	Ciinton Mo.	Natural Resources-BS
Taylor P Birdsong	California Mo.	Agronomy-BS	John W Melson	Lebanon Mo.	Natural & Appl Sci/AG-MNAS
John Ryan Boatwright	Aurora Mo.	Animal Science-BS	Ryan M Meyer	Washington Mo.	Wildlife Cons, Mgt/AG-BS
Alex D Bollmann	Villa Ridge Mo.	Animal Science-BS	Stephanie L Morgan	Springfield Mo.	Gen Agriculture/Comm-BS
MaryAnn N Boro	Buffalo Mo.	Horticulture-BS	Philip Andrew Moss	Crocker Mo.	Wildlife Consvrt & Mgt/AG-BS
		Agriculture Education-BSED	Ronald W Ocello	Saint Charles Mo.	Agr Bus/Agr Mkt, Sales-BS
William F Boyer	Springfield Mo.	Animal Science-BS	Weston M Paulik	Springfield Mo.	Gen Agriculture/Agr-BS
Jacqueline M Breeden	Springfield Mo.	Animal Science-BS	Micala R Penton	Columbia Mo.	Agr Bus/Agr Fin & Mgt-BS
Thomas J Calton	Willard Mo.	Wildlife Consvrt & Mgt/AG-BS	Jace A Polodna	Bolivar Mo.	Agronomy-BS
Megan L Case	Linwood Kan.	Animal Science-BS	Daniel S Potter	Springfield Mo.	Animal Science-BS
Lindy F Christofides	Springfield Mo.	Natural & App Sci/AG-MNAS	Melissa J Presley	Brighton Mo.	General Agriculture-BAS
Amanda J Delong	Rolla Mo.	Env Plant Sci/Horticulture-BS	Sarah A Rafferty	Aurora Mo.	Wildlife Consvrt & Mgt/AG-BS
Mary C Diebold	Tuscumbia Mo.	General Agriculture/Agr-BS	Taressa M Rankin	Lebanon Mo.	Animal Science-BS
Claire M Dohmen	Brookline Mo.	Natural & Appl Sci/AG-MNAS	Amber Dawn Rhoda	Chaffee Mo.	Technology Education-BSED
Nicholas R Fisher	Grovespring Mo.	Wildf Consvrt & Mgt/AG-BS	Megan J Richner	Harrisonville Mo.	Nat & Appl Sci/AG-MNAS
Jason E Frieden	Lamar Mo.	Animal Science-BS	Karla A Riggs	Springfield Mo.	Agriculture Education-BSED
Caroline C Frogge	Joplin Mo.	Animal Science-BS	Caleb B Rodabaugh	Lowry City Mo.	Agronomy-BS
Chase D Garretson	Humansville Mo.	Animal Science-BS	Emily N Scott	Quincy Mo.	Gen Agriculture/Comm-BS
Heather M Gerity	Jefferson City Mo.	Horticulture-BS	Samantha T Sellers	Caruthersville Mo.	Animal Science-BS
Qiang Guo	Mountain Grove Mo.	Plant Science-AG-MS	Cory J Slusher	Benton Mo.	Agr Bus/Agr Fin & Mgt-BS
Vannessa A Hancock	Cassville Mo.	Animal Science-BS	Savanna M Smith	Springfield Mo.	Animal Science-BS
Brandon Michael Hebbert	Ozark Mo.	Agronomy-BS	Tammy Jo Smith	Bluejacket Okla.	General Agriculture-BAS
Kristina Eileen Henry	Bolivar Mo.	Animal Science-BS	Taryn E Smith	Springfield Mo.	Animal Science-BS
Sarah C Hogle	Kansas City Mo.	Animal Science-BS	Cara M Spencer	Springfield Mo.	Agr Bus/Agr Mkt & Sales-BS
Hayley Ann Honeycutt	Thayer Mo.	General Agriculture/Agr-BS	Kristopher Sprenkle	Pierce City Mo.	Agr Bus/Enterprise Mgt-BS
Andrew Huhmann	Tipton Mo.	Agr Bus/Agr Mkt, Sales-BS	Katie Lee Spruell	Sharpsburg Ga.	Natr'l & App Sci/AG-MNAS
Reba K Hurst	Nevada Mo.	Animal Science-BS	Tonya Rae St John	Springfield Mo.	Gen Agriculture/Agr-BS
Brandon C Jackson	Buffalo Mo.	Agriculture Education-BSED	Ryan H Stevens	Springfield Mo.	Gen Agriculture/Agr-BS
Christopher M Jasumback	Wentworth Mo.	Wildlife Cons, Mgt/AG-BS	Brenton N Stock	Buckner Mo.	Wildlife Consvrt & Mgt/AG-BS
Paige J Jenkins	Pleasant Hope Mo.	Env Plant Sci/ Crop Science-BS	Tyler Scott Swope	Crane Mo.	Env Plant Sci/Crop Science-BS
Austin Johnson	Lamar Mo.	Agr Bus/Enterprise Mgt-BS	Dustin Jerome Tate	Springfield Mo.	Agronomy-BS
Ashley M Kelly	Loma Linda Mo.	Animal Science-BS	Daniel A Tettamble	Springfield Mo.	Natural Resources-BS
Maclean M Kelly	Potosi Mo.	Natural Resources-BS	Jennifer M Thogmartin	Neosho Mo.	Nat&Appl Sci/AG/Accel-MNAS
Casteel Kanoi Kirk	Urbana Mo.	Agriculture Education-BSED	Craig B Thomas	Springfield Mo.	Gen Agriculture/Agr-BS
Joel R Laughlin	Waynesville Mo.	General Agriculture/Agr-BS	Justin W. S. Thomas	Kansas City Mo.	Natural Resources-BS
Scott A Lee	Nevada Mo.	Agronomy-BS	Tyler L Thompson	Sunrise Beach Mo.	Horticulture-BS
Thomas R Lee	Williamsburg Mo.	Agronomy-BS	Calli J VanRanken	Zanoni Mo.	Gen Agriculture/Comm-BS
		Natural Resources-BS	Cathleen Erin Vought	Stotts City Mo.	Plant Science-AG-MS
Brett E Littleton	Keytesville Mo.	Animal Science-BS	Bruce C C Whitesell	El Dorado Springs Mo.	Animal Science-BS
Karen A Loerich	Hagerstown Mo.	Wildlife Consvrt, Mgt/AG-BS	John R Willett	Saint Louis Mo.	Agr Bus/Enterprise Mgt-BS
Geoffrey L Lysinger	Lowry City Mo.	Agronomy-BS	Ashley E Winfrey	Humansville Mo.	Agriculture Ed-BSED
Jennifer L Main	Bois D Arc Mo.	General Agriculture-BAS	Logan D Woodmansee	Pleasant Hope Mo.	Agronomy-BS
Jennifer R McGinnis	Seymour Mo.	Env Plant Sci/Horticulture-BS	Donnie Ray Woods	Pierce City Mo.	Gen Agriculture/Agr-BS
			Chrystal Rene Young	Springfield Mo.	Animal Science-BS



Mike Klem joins agriculture faculty at Missouri State

By Alison Bos

Mike Klem has joined the William H. Darr School of Agriculture faculty at Missouri State University as coordinator of business and support services.



Born and raised on a diversified dairy, crop and poultry farm in Millville, N.J., Klem is a graduate of Texas A&M University, College Station, Texas, where he was a graduate assistant, instructor and involved in research. Prior to joining MSU, Klem was employed at Truman State University, Kirksville, Mo., and University of Missouri, Columbia, Mo.

Klem has served as president of several associations including Missouri Reining Horse Association, Tri-State Cutting Horse Association, Missouri Equine Council and Northeast Missouri Young Farmers. He also is a founding member of the Missouri Livestock Symposium. He has three children – Michael, Marshall and Anna, two of whom are students at MSU.

Among his many duties, Klem oversees event planning, facility rental, facility maintenance and other services for Karls Hall, Darr Agricultural Center, Baker's

School of agriculture has a new administrative assistant

By Meagan Bell

Jana Kendrick, Republic, Mo., was hired by the William H. Darr School of Agriculture to be the administrative assistant I.

Kendrick is currently job sharing with Ramona Taylor. Kendrick's favorite part of her job so far is "the fantastic office staff and the interactions with the students."

Kendrick was born and raised on Blades/Kendrick dairy farm in Republic, Mo. She is married to Mike Kendrick and they have raised three children – Kurt, Kolby, and Amy; and their nephew Kolt. Her son Kurt graduated from MSU with an agriculture degree.

Before coming to MSU, Kendrick has worked full-time and part-time jobs including work with the public school system.

"I think the students here are the most respectful and polite young adults that I have been around," said Kendrick.



Kendrick said that her goal for working with the school of agriculture is "to learn as much as I can and be an asset to the department."

Acres, Mountain Grove campus, Journagan Ranch and Shealy Farm. In addition, Klem is in charge of ensuring compliance with health, life, building and safety codes, as well as making recommendations for needed repairs, renovations and expansion.

Klem said he enjoys working with school of agriculture students and faculty because of their hard work, dedication and ability to enjoy life.

"The students, faculty and staff at the Darr School of Agriculture are treasures," Klem said. "It is an honor to work with these wonderful folks."

Klem said he looks forward to assisting and being part of the William H. Darr School of Agriculture as it becomes more recognized as one of the premier non-land grant schools of agriculture in the nation.

"We are well on our way," Klem said.



Dr. Mike Burton, associate professor of agronomy, receives a certificate of appreciation recognizing his excellent academic contribution support to Missouri State University student-athletes. A student-athlete nominated Burton for the award.

Statistics Fall 2012

Class	Men	Women	Total
Freshmen	41	56	67
Sophomores	40	53	93
Juniors	65	69	134
Seniors	91	81	172
Graduate Students	20	18	38
Total	257	277	534

Major Enrollment	
General Agriculture	9
General Agriculture/Agriculture	29
General Agriculture/Communications	16
Agronomy	18
Animal Science	137
Agricultural Business/Agricultural Enterprise Mgmt	33
Agricultural Business/Agricultural Finance and Mgmt	31
Agricultural Business/Agricultural Marketing and Sales	35
Environmental Plant Science/Crop Science	21
Environmental Plant Science/Horticulture	23
Horticulture	13
Natural Resources	32
Technology Education	1
Agricultural Education	42
Wildlife Conservation and Management	56
College of Natural & Applied Science (Graduate Masters)	20
College of Natural & Applied Science (Accelerated)	3
Plant Science (Graduate Masters)	10
Plant Science (Accelerated)	3
Agricultural Secondary Education (Graduate Masters)	2
Total	534

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Darr School of Agriculture

Dr. W. Anson Elliott, Director

Managerial and Support Staff

Karls Hall

Jim Bellis, Assistant Director
Jana Kendrick, Administrative Assistant I
Sue Morris, Accounting Specialist
Ramona Taylor, Administrative Assistant I
Laurie Wilson, Administrative Assistant II

State Fruit Experiment Station – Mountain Grove

Pam Turner, Administrative Assistant IV
Leslie Akers, Clerical and Sales
Pamela Mayer, Library Associate and Publications
Jack Atchison, Field and Maintenance
Jeremy Emery, Field Crew Leader
Randy Stout, Field Crew Leader
Steven Turner, Mechanic
C.J. Odneal, Cellar Technician
Michael Matthews, Physical Plant Foreman
Bob Mosier, Custodian

Darr Agricultural Center and Bakers Acres

Michael Klem, Coordinator Business & Support Svc.
Sue Webb, Coordinator
Justin Sissel, Farm Manager
Christi Sudbrock, Director of Outreach
Carrie Crews, Administrative Assistant II

Journagan Ranch

Marty Lueck, Ranch Manager and Adjunct Faculty
Chad Emery, Russell Driskell, Eric Lueck, Jacob Peterson, Ranch Hands

Shealy Farm

Joe Webb, Manager

Faculty and Professional Staff

Agribusiness, Agricultural Education & Communications

Dr. Arbindra Rimal - Unit Leader Agricultural Economics
Dr. James Hutter Agricultural Education
Dr. Ben Onyango Agricultural Economics
Ms. Christine Sudbrock Agricultural Economics
Dr. Jon Wiggins, Emeritus Technology Education

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Ms. Joyce Cutright Agricultural Communications

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Graduate Students, Spring 2013 – Traci G. Bailey, Alison L. Bos, Peng Chang, Xu Chen, Lindy F. Christofides, Bryan M. Cizek, Cory A. Creed, Jason W. Cutler, Dustin W. Devore, Claire M. Dohmen, Sean M. Edwards, Joshua C. Franks, Hui Ge, Joshua C. Glasson, Katie A. Griffith, Qiang Guo, Nicholas, L. Guthery, Ken D. Harmon, IraShae S. Holland, Shae S. Honesty, Leann C. Hubberts, Jordan L. Kinder, Carrie A. Lamb, Brandt T. Levinson, Scott E. Mackey, Aaron Magnuson, Heather E. McCallister, Kathi S. Mecham, John W. Melson, Erica M. Norgren, Kathleen K. Phelps, Chase M. Reed, Surya D. Sapkota, Cheyenne I. Shipp, Katie L. Spruell, Caroline M. Tyler, Rachel M. Yocom, Jesse L. Young, Xinyi Zhang

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We encourage applications from women, minorities, and all interested and qualified people.

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Dr. Melissa Hudson Beef (Nutrition) Science
Dr. Dennis Schmitt Veterinary and Dairy
Dr. Beth Walker Sheep and Goat Science
Ms. Sue Webb Equine Exercise Science

Professional Staff

Ms. Tracy Northcutt Junior Research Scientist

Per Course

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Dr. Jason Salchow Veterinary Science
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Dr. Clydette Alsup-Egbers Horticulture
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Dr. Chin-Feng Hwang Grape Breeding and Genetics
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Emily Gray, VESTA Administrative Assistant I

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Ag Forum



Harold Bengsch asks a question.



Dr. Anson Elliott talking with Bill and Virginia Darr.



Dan Cassidy with Senator Blunt answering a question.



Paul Kincaid, Chief of Staff, President Cliff Smart and Missouri Senator Jay Wasson converse.



Senator Blunt visits with agriculture students.



MSU students present at the Ag Forum are pictured.

Ag --- Review

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Darr School of Agriculture
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Faculty and Staff of Darr School of Agriculture June 2012

