Dr. Elliott Reflects on Change and Growth

To the thousands of alumni and friends who have participated with the many activities in agriculture at SMS/MSU over the decades, I want to relay thanks for the essential role you played in making the agriculture unit worthy of the present designation of being the William H. Darr School of Agriculture. It is only a small indicator of the meaning of this change with graduates marching as a unit this spring in the JQH Arena to receive their diplomas. Historically, agriculture has been a part of the College of Science, the College of Health and Applied Sciences, and most recently the College of Natural and Applied Sciences. This autonomy of a school allows the priorities and budgeting issues to move directly to the provost’s office allowing both the College of the Sciences and the School of Agriculture to express the potentials in their respective areas in a more direct fashion while maintaining meaningful cooperative efforts.

The William H. Darr Agricultural Center on Kansas Express is experiencing the completion of the final-planned phase of facilities with The Christopher S. Bond Learning Center, a 27,331 square-foot facility that will be officially dedicated during a ceremony June 17 with Bond in attendance. Senator Bond and our present Senator Blunt as well as Congresswomen Emerson, whose district includes our Mountain Grove Campus and the Journagan Ranch, have been extremely important to the School of Agriculture over the decades. They each have contributed by speaking to classes, participating in events and supporting grants that have been key to research and teaching. The equipment purchased with grants this past year include the biotechnology laboratory equipment supporting our grape genetics program, and trucks, trailers, and a van to transport students and intern students. An additional U.S. Department of Education Grant made possible all the furnishings and technology equipment within the Christopher S. Bond Learning Center. The center will be a model for delivering educational programs locally and will tie into Missouri high school agricultural programs through our dual-credit program.

The School of Agriculture strives to continue to build upon the strong undergraduate and graduate programs that we have organized into three units: Animal Science; Plant Science and Natural Resources; and Agricultural Business, Education and Communications. Excellent teaching and laboratory facilities exist for each unit.

Internship learning experiences occur at the State Fruit Experiment Station and the Journagan Ranch. A newly remodeled $200,000 dormitory allows students to be housed at our campus in Mountain Grove while working on the Ranch or the State Fruit Experiment Station.

Without the participation of our alumni and friends, we could not have the present program. Your successes legitimize us to the administration and to the community. The increased donations received during these very difficult economic times have made the scholarship program, the AG Review and other promotions for our student ambassadors possible.

There is a tremendous sense of joy and thankfulness in seeing completed facilities and successful programs for students, but the real joy is seeing the returning alumni and friends with their families who demonstrate success in attaining fulfilling lives! Those of us in the Darr School of Agriculture are pleased to have participated in a small way during those growing years of your lives.

Anson Elliott, Director
William H. Darr School of Agriculture

School of Agriculture Identifies Three Units

By Kerri Percival

The William H. Darr School of Agriculture is organized into three units which are Agricultural Business, Education, and Communications; Animal Science; and Environmental Plant Science and Natural Resources.

Agricultural Business, Education and Communications unit faculty are Onyango, Rimal, Smith, T. Elliott and Johnson in agricultural business; Cutright and Deal in agricultural communications; and Bellis, Hutter, Wiggins, Fent and Grisham in agricultural education.


Environmental Plant Science and Natural Resources unit faculty are Burton, Fuqua and Dewitt in natural resources; Alsup-Egbers, Hwang, Kaps, Odneal, Pszczolkowski, Trewatha, Wilker, Wear and Padgett in environmental plant science; Burton and Roling in wildlife conservation management.

For complete titles for school of agriculture faculty, please see page 34.
**Video Cattle Sale is a Success**

By Evan Kempker

The first combined sale of Missouri State University and Journagan Ranch was a huge success with the sale averaging over $3,300 per head. This year's sale also had a new format utilizing video.

**Prop B Discussed at Ag Forum**

By Jennifer Cooper

Energy issues, the budget deficit and Proposition B were the main topics discussed by government officials, local business leaders, farmers and students at the annual Missouri State University Collegiate Farm Bureau Agriculture Forum April 15.

This year's forum was the 12th year for the event which was held at the Knights of Columbus Hall in Springfield with approximately 130 people attending.

U.S. Senator Roy Blunt and the President of the Missouri Farm Bureau Federation Blake Hurst were the keynote speakers.

**Beef Cattle Nutrition Research Underway**

By Brett Littleton

Missouri State University students, faculty and a local vet are opening a window to the world of a bovine's rumen.

During spring semester, four Hereford steers from the Journagan Ranch were fitted with a rubber plug called a cannulae. Fistulation surgeries were performed by cutting a hole in the side of the animal and attaching the rumen to the cannulae. This procedure externalizes the rumen and allows access to monitor digestion.

The nutrition study being conducted at the Darr Agricultural Center will evaluate efficiency of distillers grains through four experimental periods scheduled for June through October.

Dr. Mellissa Hudson, assistant professor of animal science, will utilize the steers to teach students during summer and fall semesters enrolled in AGS492-beef cattle nutrition research.

“This class is directed toward students interested in gaining experience in beef cattle nutrition, and will provide an opportunity to apply knowledge gained in the classroom to real world scenarios and research techniques,” Hudson said.

Prop B was this year's state topic which was addressed by Blake Hurst.

The Master of Ceremonies was Lewis Miller from KWTO, a Springfield radio station.

Dr. Anson Elliott, director of the William H. Darr School of Agriculture said next year's meeting will be held at the new Agricultural Learning Center located at the Darr Agricultural Center. The building is scheduled to be open this summer or fall. Elliott said he hopes that the new facility will expand interests in the agricultural community and increase forum attendance.

One of the Hereford steers was fitted with a cannulae to allow access to the rumen in order to study and monitor digestion.
Missouri State Student Travels to Scotland

By Samantha Sellers

Summer 2010 Cheyenne Shipps, a junior animal science major from Dadeville, Mo., explored Scotland and attended equine classes at Oatridge College in Ecclesmachan, Broxburn, West Lothian, Scotland. Oatridge is a land-based agricultural college that during the summer was used as an equine school.

Shipps spent six weeks exploring the country and enjoying the Scottish culture while learning about the Scotland equine industry. While at Oatridge College, Shipps took two courses – equine fitness, and equine anatomy and physiology. She also learned how to ride English.

“I learned a lot about myself,” Shipps said. “And, I realized anything is possible if I can travel around the world all by myself, not knowing anyone going into the situation. I learned that people outside of the United States are not that different from us and the cultures have many similarities. I had many experiences with different types and aspects of the horse industry that I brought back with me and can apply to our industry.”

Shipps offered a little advice for those who are considering studying abroad.

“First off, do it! It is an amazing experience and you learn a lot about yourself. Also, enjoy every minute of it because it is over before you know it. Go somewhere you feel comfortable and will thoroughly enjoy. It will be an experience of a lifetime,” Shipps said.

Journagan Ranch is Utilized for Research and Internships

By Ashley Winfrey

Last year Missouri State University received the second-largest single-private gift in its 104-year history. The gift of Journagan Ranch, consisting of 3,300 acres and 1,000 head of cattle, is now being utilized as a student laboratory.

Leo Journagan and his family presented Missouri State with an entire ranch. The ranch, located about 10 miles south of the Mountain Grove Campus, provides for numerous opportunities, including research and student internships.

Marty Lueck, Journagan Ranch manager since 1981, said approximately 250 head of black, black baldie, and red baldie calves, and 150 purebred Hereford calves will be born this spring on the ranch. Over the years, as Lueck and his team have developed and improved bloodlines, the herd has grown to be the 15th largest Hereford herd in the United States.

Changes are gradually occurring at Journagan Ranch to transform the ranch into a student-oriented project and learning area.

Currently the ranch has one intern, Daniel Amick, second year animal science major from Nevada, Mo.

“Marty Lueck contains so much knowledge that it would be wasted if he wasn’t working with the university,” Amick said. “I have learned so much out there that it would be hard to point out a single thing.”

Amick assists in feeding, time-breeding protocols and calving.

Journagan Ranch is also being used as a transfer recruitment tool. This spring the Agriculture Transfer Student Expo for junior college-transfer students was held on the ranch. More than 30 students participated. The group toured the ranch and discussed how ranch activities are and will be incorporated into the school’s curriculum.
Leadership Class Provides Opportunity for Students to Promote the Darr School of Agriculture

By Alli Jennings

Spring 2011 was the first opportunity for students within the William H. Darr School of Agriculture to take the new leadership class aimed at promoting the school of agriculture.

The class was taught by Jim Bellis, assistant head and director of student services and public affairs. The students were involved in a wide variety of activities geared toward recruiting, including participating in radio interviews where they shared their own university experiences.

The leadership class consists of 32 agriculture students of all grade levels. Students focused on different aspects of recruitment and promotion.

Online resources, such as Facebook and blogging, have been utilized by some of the students in the leadership class. A Facebook page was created to target current and potential students through social media by updating students on current events in the school of agriculture. Explanations of events along with photos were posted. A blog also has been created to help keep students up to date on current school of agriculture events and issues.

On-site high school recruitment is another large part of the class. A portion of the class focused on creating a PowerPoint presentation about the school of agriculture that could be used during high school visits. They also participated in high school career shows and followed up the events by sending handwritten letters to students.

Transfer students were another target for the leadership class. Some students created a tour-video showcasing Karls Hall. They also organized an Agriculture Transfer Student Expo, which helped transfer students become better acquainted with the William H. Darr School of Agriculture.

Missouri State Students Help with Transfer Student Expo

By Christi Pilger

Missouri State University held its first Agriculture Transfer Student Expo in April. The event was hosted by Jim Bellis, assistant head and director of student services and public affairs in agriculture, and seven students. The idea for the event came from the new agricultural leadership class.

The mission of the event was to help guide and educate students who are interested in transferring from junior colleges to Missouri State University. The goal was to give an overview of the curricular and non-curricular opportunities, and what to expect overall from university life.

The day began with a pizza lunch at the Darr Agricultural Center followed by agricultural olympic games that were sponsored by Alpha Gamma Rho. The transfer students were able to mingle with Missouri State students who were helping with the event.

Next, the students traveled to Mountain Grove to visit the Journagan Ranch. Participants toured the ranch including viewing of the cattle, land and facilities. The day closed with a tour and meal at the Mountain Grove Campus.
FFA Contests are Changing with the Times

By Emily Scott

The high school agricultural curriculum continues to expand to include more communications and non-traditional agricultural program areas. To accommodate these changes there also have been adjustments made to FFA contests.

Recent changes include adding an agricultural issues competition and an agricultural interview contest.

Dr. Jim Hutter, professor of agricultural education, is in charge of setting up and running the Southwest District FFA Contests. The southwest district includes 57 schools and is the largest district in the state.

Hutter said the district is not experiencing a change in the amount of students competing, but there is a shift in which contests students are participating in.

Missouri State University holds the district FFA contests every spring and there are always challenges. According to Hutter, the biggest challenge is recruiting enough people to help run contest events.

Hutter said the MSU students who help run the events make a huge difference. He also said without all the student help, running the contests would be practically impossible.

So, thank you to all who help make the Southwest FFA District Contests possible.

Competing for Vet School is Tough

By Carmen Mayers and Kerri Percival

Missouri State University offers options for students seeking admittance into veterinary medicine programs.

Students who major in animal science, biology or chemistry are able to fulfill most of the requirements necessary for admission to veterinary school. Since there are only 28 schools of veterinary medicine in the nation, admission into the program can be tough.

Laura Correnti, senior animal science major and pre-vet student from Frankford, Mo., said acceptance into the schools is difficult due to the large number of applicants and the limited number of positions available.

Missouri State is working closely with students to better prepare them for veterinary school through classes such as genetics, animal science, animal or human nutrition, anatomy and physiology, and other courses.

“My advisor is really helpful in choosing classes and making good contacts that will help me in the future,” Correnti said.

Missouri State offers several programs and clubs that help prepare students for admittance into veterinary school.

Blast from the Past with Hats

By Taressa Rankin

Most students at Missouri State no longer associate the university with the name Southwest Missouri State University or SMSU. However, when boxes of hats were found over Thanksgiving break dating back to 1999, students and faculty were given a piece of the past.

The hats commemorating the 50th anniversary of SMSU were discovered by William H. Darr School of Agriculture staff members Sue Morris and Laurie Wilson.

When pipes busted during the break, Morris and Wilson came in to help clean up. While several things were ruined, four boxes full of hats were found undamaged.

“As soon as I saw them, I thought these are antiques,” Morris said.

When students returned from break, the hats were given out to several agriculture students and one hat was saved for the school to place on display.
MSU Representatives are Part of Exploring Agriculture in Taiwan

By Samantha Warner

Before classes started in August, a student and faculty member found themselves in a different type of classroom. The two traveled to Taiwan where they spent over three weeks learning about the country’s agricultural practices.

Samantha Warner, Missouri State University junior agricultural communications major from Archie, Mo., and Jim Bellis, assistant head and director of student services and public affairs at the MSU William H. Darr School of Agriculture, participated in Exploring Agriculture in Taiwan (E.A.T.). E.A.T. is a program sponsored by the National Chung Hsing University in Taichung, Taiwan.

E.A.T. brought together 23 American students from 18 different universities and 13 Taiwanese agriculture students to learn about the differences between American and Taiwanese agriculture, post-secondary agricultural education, and culture. The students also developed relationships that will last a lifetime.

The program began with The Symposium of Comparative Studies of Higher Education in Agriculture of USA and Taiwan. The purpose of the symposium was to highlight the differences between post-secondary agricultural education in the United States and Taiwan. Each participant gave a presentation about their home university and then answered questions. After the presentations, the group had a discussion about the similarities and differences.

The conference continued by visiting farms and agricultural businesses. The group visited rice and tea museums, fields of rice and taro, two organic plant farms, and a dairy farm.

“There is very little opportunity for the Taiwanese to produce their own food,” Bellis said. “As a result Taiwan agriculture is focused more on the preservation of natural resources rather than production agriculture.”

Other highlights of the trip for Bellis and Warner were attending a professional baseball game, participating in a traditional tea ceremony, seeing a wild monkey while hiking through the mountains, touring a traditional outdoor market and visiting a fish market.

Agriculture Names New Administrative Assistant

By Ben Bunton

The William H. Darr School of Agriculture hired Laurie Wilson as the new administrative assistant this year.

Wilson was born in Mexico, Mo. Her father was a preacher so as a child she moved around a lot and even attended high school in New Zealand.

Wilson has worked at other universities including the University of Missouri, Columbia, Mo., and Drury University, Springfield, Mo.

Wilson said her favorite part about her job was seeing the excitement students have about life and their futures.

“As long as you work around students, you’ll never get old,” Wilson said.

Wilson is married to Pete Wilson, who works for Nixa Hardware in Nixa, Mo. They currently live in Springfield, Mo.
Missouri State Hosts Western Horse Show
By Dana Willis

Missouri State University hosted the Intercollegiate Horse Show Association 2011 Western Semifinals at the Darr Agricultural Center.

There are only three semifinals held annually. This year's competitions were held at the University of Findlay, Findlay, Ohio; Texas A&M University, College Station, Texas; and Missouri State University. There were 29 registered teams and about 35 horses that participated in the event held in Pinegar Arena at the Darr Agricultural Center.

Dr. Gary and Sue Webb were appreciative of the institutions who brought horses. They included Black Hawk, Moline, Ill.; University of Nebraska, Lincoln, Neb.; Middle Tennessee State University, Murfreesboro, Tenn.; Murray State, Murray, Ky. and Truman State, Kirksville, Mo.

Members of the Equestrian Team took a class in the fall to help prepare them for the event.

"Several teams and coaches were very impressed with our facilities," said Toree Bova, an agriculture graduate student in Natural and Applied Sciences from Springfield, Mo. Bova rode as an alumni in the 2011 Western Semifinals and placed. She will be going on to nationals, which will be held in Kentucky.

Along with Bova, Lauren Eagles, junior in agricultural business and marketing sales from Springfield, Mo., placed third in reining, and will also be going to nationals.

Other students who participated in this event are Ashley Crouse, senior accounting major from Easton, Mo., and April Brown, senior agricultural business and enterprise management major, from Springfield, Mo. The top three teams at the semifinals were Black Hawk, Murray State and the University of Nebraska. The event was sponsored by the National Reining Horse Association, PFI Western Store, SoMo Agricultural Supply, Charles Owens and Perri's Leather.

Administrative Assistant Retires
By Kerri Percival

Ramona Taylor, administrative assistant in the William H. Darr School of Agriculture, is retiring after nearly 10 years of service to Missouri State University.

While she will be officially retired, Taylor said she is not deserting the school of agriculture.

"I will still be here part-time," Taylor said. "It is a win-win for me and the school of ag."

Taylor said it is time to retire so she can travel with her husband and spend more time with her 18 grandchildren, whose ages range from 9-months-old to 19.

She said working for the school of agriculture was her favorite job on campus for two reasons. First, the relationships she has built with co-workers have made them close friends. The other reason is that she particularly enjoys agriculture students.

"While the days are sometimes long, the years are short," Taylor said about reaching retirement.

Taylor said the only thing she will not miss is unlocking doors every morning.

Attention All Alumni!
We would like to update your contact information and hear about your work and life. Please contact the alumni office to update information.

Your colleagues and classmates would like to network with you. Thank you for taking the opportunity to connect.
## Clubs and Competitive Teams Active in 2010-2011

### Agronomy Club
- **Advisor:** Dr. Mike Burton
- **President:** Clint Elmore
- **Vice President:** Nolan Rapp
- **Treasurer:** Nate Ryan
- **Activities:**
  - Host Ag Forum, Farm Bureau Legislative Day at capital, National Young Farmers and Young Farm Wives Convention, Missouri Farm Bureau Annual Meeting, Missouri Young Farmers Young Farm Wives Annual Meeting, discussion meet at state and local levels, monthly meetings, Salute to Agriculture basketball game, and numerous more activities.

### Alpha Gamma Rho
![Alpha Gamma Rho]
- **Advisor:** Dr. Anson Elliott
- **President:** Bradley Schofield
- **Vice President:** Nate Ryan
- **Recruitment:** Timothy Pierce, Bjorn Wilkerson, Ben Ballhorn
- **Activities:**
  - Host Ag Forum, Farm Bureau Legislative Day at capital, National Young Farmers and Young Farm Wives Convention, Missouri Farm Bureau Annual Meeting, Missouri Young Farmers Young Farm Wives Annual Meeting, discussion meet at state and local levels, monthly meetings, Salute to Agriculture basketball game, and numerous more activities.

### Alpha Gamma Sigma
![Alpha Gamma Sigma]
- **Advisor:** Dr. Jon Wiggins
- **President:** Weston Paulik
- **Vice President:** Tommy Lee
- **Treasurer:** Tyler Rowe
- **Secretary:** Steven Jackson
- **Public Relations:** Weston Paulik
- **Historian:** Brian Austin
- **Activities:**
  - Homecoming, Greek Week, Red Rose Formal, social exchanges, Gathering of the Herd, Porkfest, Greek Church.

### Block & Bridle
- **Advisor:** Dr. Beth Walker and Dr. Melissa Hudson
- **President:** Elysia Bushey
- **Vice President:** Dakota Arthur
- **Secretary:** Cheyenne Arthur
- **Treasurer:** Ben Howard
- **Reporter:** Leslee Ewers
- **Activities:**
  - Adopt-A-Street, national and state conventions, ran parliamentary procedure contest at national convention, state FFA convention and recruitment for Missouri State, Farmer for a Day Program- Greenwood Lab students learn about agriculture, monthly meetings and adopt a family for Christmas.

### Collegiate FFA
- **Advisor:** Dr. Jim Hutter
- **President:** Logan Yearsley
- **Vice President:** Cody McCann
- **Secretary:** Kalyn Stevens
- **Treasurer:** Casteel Kirk
- **Activities:**
  - Adopt-A-Street, national and state conventions, ran parliamentary procedure contest at national convention, state FFA convention and recruitment for Missouri State, Farmer for a Day Program- Greenwood Lab students learn about agriculture, monthly meetings and adopt a family for Christmas.

### Honor Society of Delta Tau Alpha
![Honor Society of Delta Tau Alpha]
- **Advisor:** Dr. Beth Walker
- **President:** Kalyn Stevens
- **Vice President:** Cody McCann
- **Secretary:** Erica Wheat
- **Treasurer:** Shana Austin
- **Activities:**
  - Monthly meetings, attend national conventions each year, annual wreath making fundraiser, new member initiations, sponsor scholarship for school of agriculture.

### Horseman's Club
- **Advisor:** Ms. Sue Webb and Dr. Gary Webb
- **President:** Claire Dohmen
- **Vice President:** Lauren Eagles
- **Secretary:** Alison Bos
- **Treasurer:** Micala Penton
- **Historian:** Sarah Fuller
- **Activities:**
  - Host Ag Forum, Farm Bureau Legislative Day at capital, National Young Farmers and Young Farm Wives Convention, Missouri Farm Bureau Annual Meeting, Missouri Young Farmers Young Farm Wives Annual Meeting, discussion meet at state and local levels, monthly meetings, Salute to Agriculture basketball game, and numerous more activities.
Equestrian Team

2010-2011 Activities: Horsemen’s Association is made up of students who all share a common love for horses. Most members are also a part of the Equestrian Team, Horse Judging Team and/or the Ranch Horse Team. Horsemen’s members also help volunteer with Therapeutic Riding of the Ozarks which consists of therapeutic riding and hippo therapy sessions for disabled children. This year, the organization helped plan and coordinate three Intercollegiate Horse Show Association western horse shows at the Darr Center. One of these shows was the IHSA/NRHA Western Semi-Finals Show, where over 30 colleges and universities throughout the United States were represented. Horsemen’s members also participate in homecoming and May Day activities. Members meet once every two weeks to plan events and fun group activities. The group also hosts a banquet at the end of each semester to honor members for their achievements and graduating seniors.

Hunt Seat Team

MSU student Claire Dohmen riding American Quarter Horse Association mare Exceptional Lover “Judy”, who was recently donated to the school of agriculture. The mare was a gift from Mary Sheid who is a member of the Missouri State University Board of Governors and serves on the Mountain Grove Campus advisory board. Dohmen, president of the horsemen’s association, is a senior animal science major from Brookline, Mo.

Horticulture Club

Advisor: Dr. Clydette Alsup-Egbers
President: Shanna Borthick
Vice President: Heather Gerity
Secretary: Caroline Waldbuesser
Treasurer: Janelle Melton
Public Relations: Heather McCallister
Activities: biweekly meetings, booth at new student mixer, volunteer for Habitat for Humanity of Springfield, fundraising activities, bonfire.

Pre-Vet Club

Advisor: Dr. Dennis Schmitt
President: Laura Correnti
Vice Presidents: Beth Courter
Cody Dalton
Secretary: Emily Grady
Treasurer: Julie Francis
Public Relations: Erica Wheat
Activities: participated in Spooktacular, MU’s open house, hosted biannual dog washes, bimonthly meetings, guest speakers Douglas Tindal from MU and Alicia Foster from Ross University, end-of-the-year get together at Big Whiskey’s and Buffalo Wild Wings, club trip to Wild Animal Safari in Strafford Missouri.
Clubs and Competitive Teams Active in 2010-2011 cont.

Sigma Alpha

Sigma Alpha is a professional agricultural sorority that promotes scholarship, leadership, service and fellowship among its members.

Advisor: Jim Bellis
President: Michelle Elgin
1st Vice President: Kelsie Young
2nd Vice President: Amelia Fitch
Treasurer: Jessica Missey
Secretary: McKenzie Jones
Rush Chair: Justine Chastain

Activities: rush week, national convention, regional conferences, guest speakers, monthly professional meetings, along with regular weekly meetings, canned food drive for various charities, Relay for Life, dinner with Alpha Gamma Rho and Alpha Gamma Sigma, sisterhood activities, retreat weekends, pillow exchange, garage sale, serving food for the Bellis cattle auction, and more.

Soil Judging Team

Team members are from left: Cody Jones, Jill Hankins, Nick Rapp and Will Robertson. The team participated in the 2010 Regional American Society of Agronomy Soils Contest in North Platte, Neb.

Wildlife Society

Advisor: Dr. Mike Burton
President: Allison Keefe

Agricultural education students who completed their student teaching are front from left: Kayla Bastin from Golden City, Mo.; Courtney Jones from Stockton, Mo.; Lyndi Tuttle from Ash Grove, Mo.; and Becky Uctman from Fordland, Mo. Back from left are Tyler Schmidt from Russellville, Mo.; Sean Edwards from Fair Grove, Mo.; Jeff Woodward from Springfield, Mo.; and Emily Spellman from Mount Vernon, Mo.
Agriculture Fulfilling Global Needs
By Derrick R. Nichols

How relevant is agriculture in today’s society? With an evolving world economy, the lines separating the United States as a superpower and the rest of the world are becoming blurred. Agriculture is the answer to re-strengthening U.S. influence and universities like Missouri State University are preparing the needed agriculture professionals.

“With the increasing population and affluence throughout the world, the need for agriculture graduates and professionals is expanding rapidly,” said Dr. Anson Elliott, director at the William H. Darr School of Agriculture.

MSU’s agricultural program is charged with the responsibility of producing adequate and capable professionals to combat the growing hunger epidemic. The knowledge gained in many classes helps prepare students for future professions where their knowledge could be used to increase food production. Classes like food and agriculture chemistry taught by Dr. Elizabeth L. Walker, assistant professor of animal science, teaches students the science involved in food production. Other courses like animal science, taught by Dr. Melissa D. Hudson, assistant professor of animal science, prepares students to produce higher quality and quantity of livestock.

“Most areas in the American economy are suffering from large deficits except for agriculture and agricultural exports,” said Dr. Arbindra Rimal, professor of agricultural economics at Missouri State University. “Areas such as grain, processed food and semi-processed foods are major exports that are not only keeping the United States from more economic hardship but also helping retain the country’s title as a superpower. The term superpower invokes power over someone or something else. With much of the rest of the world depending on us to feed them, food has become a strategic weapon we can use on a global scale.”

According to United Nations Secretary General Ban Ki-moon, roughly 1 billion of the nearly 7 billion inhabitants in the world are considered hungry. Further, according to a U.N. study, the world’s population will grow to over 9 billion by the year 2050. With this population increase, there will inevitably be a rise in the number of the malnourished. The U.S. agricultural industry professionals will need to address this food shortage. The William H. Darr School of Agriculture is occupied by dozens of instructors and staff who understand.

“With the United States’ agriculture professionals working to find ways of producing sufficient amounts of food for the rest of the world, they will also be responsible for the United States’ retention of its status as lone superpower,” said Rimal.

Qiu Named One of One-Thousand Talents
By Jocelyn Butler

Dr. Wenping Qiu, research professor in agriculture at Missouri State University, has been selected as one of 1000 Talents in China. The 1000 Talents program recognizes researchers who have published important academic articles in core journals in international academic circles, have received distinguished technology awards or have proved mastery in experimentation.

Qiu’s most recent discovery is a new virus disease in grapes. His research paper documenting the disease was accepted for publication in the Journal of Plant Pathology. The discovery was important to the scientific community and grape growers as they work toward virus-free grape plants. The research is unique because it originated from the Midwest.

“This virus affects not only Missouri vineyards, but also other neighbor states,” said Qui. “Whether it is existing in other countries is not clear yet, since it is the first DNA virus discovered.”
Retiring 2010-2011 State FFA officers from Missouri State University Reflect
By Kelsey Rowden

Better leadership skills and great memories were gained by two Missouri State University students who served on the 2010-2011 Missouri FFA Officer Team.

Samantha Warner, a junior agricultural communications major from Archie, Mo., retired from serving as state FFA past president during the 83rd Missouri FFA Convention.

“I am truly blessed to have been able to serve the Missouri FFA members for two years,” Warner said.

Warner said she is grateful for the MSU faculty for being so understanding and supportive when she had to attend FFA events.

“Through my travels I have been honored to say that I am a student of the William H. Darr School of Agriculture at Missouri State University.”

The road to success has not always been easy for Warner. She reflected that once when she and her fellow officers were on a trip to Indianapolis, Ind., their car broke down and they had to hitch a ride with another FFA chapter who was driving by.

Warner said her most memorable moment was when she cut off 10 inches of her hair during the 2010 State FFA Convention. The haircut took place onstage and the hair was donated to Locks of Love. Her motivation was to show others to start making a difference.

Warner’s final advice to the future state officers is “enjoy every minute, know that your life will be forever changed and you will develop friendships for life.”

Quaid Taylor, a freshman animal science and agricultural education major from Ozark, Mo., served as the past 2010-2011 Missouri FFA vice president from Area 12.

“Having time to fit everything in can be difficult, but it makes you really appreciate everything you get to do,” Taylor said.

Taylor’s advice to future state officers is “to be yourself and always be enthusiastic about everything you do and help get students more involved. Don’t be afraid to be silly and have fun, but make sure the students come first.”
Ag Industry Study Offers Learning Outside the Classroom

By Justin Cron

The Agricultural Industry Study gives students opportunity to go out into the work field and develop a connection between the classroom and the agricultural industry.

Dr. Arbindra Rimal, associate professor of agricultural economics, and Dr. Benjamin Onyango, assistant professor of agricultural economics, along with more than 25 students embarked on a five-day journey this past January to visit a variety of different businesses in the Kansas City area.

During the trip, students were given the opportunity to visit many different companies including Dairy Farmers of America (DFA), Osborne and Barr Communications, Livestock Marketing Association, MFA Incorporated, Deere and Company, FCS Financial and many others.

Not many students are given the opportunity to visit with a CEO of a multi-million dollar company, get the chance to see what makes a national chain of companies successful or listen to future plans of companies. With the Agricultural Industry Study, students receive these rare opportunities and are able to take advantage of the information.

Brant Brower, senior agricultural business major from Schell City, Mo., was one of the many students who participated in the trip.

“The industry study was a great way for me to get in touch with many different companies and have a connection with them,” Brant said. “It allowed me to have a better understanding of what each company was about and what I want to do as a career.”

Rimal said that the study allows students to connect with the real world, and make a connection between the agricultural industry and the classroom.

“The majority of the students want to go into an ag-based career and the industry study helps give them an idea of what the students want to do,” Rimal said.

Onyango explained that students are exposed to the hiring process of many different companies.

“Students receive interview experiences and what it takes to develop a resume in such a short period.” Onyango said.

Both advisors agree that anyone who wants to pursue a career in agriculture should think about participating in the study as a junior.

“It is like a five-day internship with many companies,” Onyango said.

The qualifications for the industry study include a minimum of 60-credit hours, including six or more in agricultural economics. The Agricultural Industry Study is mandatory for any student attaining an agricultural business degree and optional for other agricultural-based degrees.

Sue Morris Joins Agriculture Staff

By Ben Bunton

The William H. Darr School of Agriculture hired Sue Morris as the new accountant specialist this year.

Morris, originally from Republic, Mo., lives with her husband, Dennis Morris, in Ash Grove, Mo. She has two sons and two granddaughters.

At their home in Ash Grove, they have a 300-acre, 200-head beef operation. They also run a home-based embroidery business. Morris said in her free time from Missouri State University, she loves working in the family businesses.

Before working in Karls Hall, Morris worked in Carrington Hall in the financial department.

“I just love Ag people -- they’re what you see, is what you get,” Morris said about her move to agriculture.
After five long years of waiting the third phase of the Darr Agricultural Center will be complete fall semester of 2011.

Phase III started with a $1 million lead donation from William H. and Virginia Darr. The learning center will be located in the front of the property. The $6.8 million facility will house agricultural classes, faculty offices, a laboratory and a multipurpose room for meetings and banquets with the capacity to serve over 400 people.

The green construction for Phase III was given a Leadership in Energy and Environmental Design Silver Certification. The green elements of the building include motion sensor lights, energy-saving heating and cooling-air controls, water runoff filtering systems, an underground heat pump, and a light-colored roof to decrease heat absorption.

The completion of Phase III will expand the ability of the Darr Agricultural Center to achieve the mission of the William H. Darr School of Agriculture to address research and educational issues dependent upon the agricultural industry.

By Chelsey Orf

Professor Helps Student Find Internship

By Emily Grady

As an assistant professor of animal science in the William H. Darr School of Agriculture, Dr. Beth Walker is always striving to help students achieve more. This year she teamed up with Certified Financial Planner J. Barry Watts to offer students a unique internship opportunity.

Claire Dohmen, an animal science major, equine studies minor from Brookline, Mo., was the intern last fall.

“The internship was a good experience,” Dohmen said. “I learned a lot about a different aspect of business and the marketing side of things.”

Walker said that one of the functions of faculty is to help students find their way along their chosen career path and that internships can be a great aid in the process.

Walker met Watts about five years ago through the meat goat industry. Although he is a prominent member of the financial community, he also was raised on a dairy farm and still enjoys farming.

Watts isn’t interested in simply teaching a student about an industry. He wants to be more of a mentor to them and allow them to unlock their own potential. Watts said his focus is, “helping learners become leaders who transform lives around them by achieving more, maximizing their own potential and making a difference for all the people who are depending on them.”

Walker said the internship with Watts is a great opportunity for a student who has an interest in both agriculture and business, as it can help inspire them toward what they want their career focus to be.

“I would recommend this experience to anyone who wants to learn more about the business side of things from someone who also knows about agriculture,” Dohmen said.

Watts not only mentors others, but also helps them find ways to help themselves. He encourages carrying a journal around with you at all times so you can write down all the “Ah Ha” moments in your life, as you never know when they may be useful.
Grape Breeding Geneticist Joins Faculty
By Cody Allen

Dr. Chin-Feng Hwang has joined the Missouri State University William H. Darr School of Agriculture and Missouri State Fruit Experiment Station at the Mountain Grove Campus as associate research professor. Hwang is a geneticist specializing in grape breeding.

Hwang is also team teaching a class with Dr. Anson Elliott, director of the William H. Darr School of Agriculture. The class, AGA 575/675-plant improvement, introduces molecular breeding techniques to students.

"My current research focuses on the development of molecular genetic tools to expedite a Norton grape, *Vitis aestivalis* - Missouri State grape, breeding effort with the ultimate goal of improving its viticultural performance and enological quality," Hwang said. "The Norton grape is grown in many U.S. wine-growing regions where *Vitis vinifera*, the European grape used for most wine making worldwide - for example, Cabernet Sauvignon, production requires extensive pesticide use, especially in the humid Southern and Midwestern U.S. where resistance to fungal diseases is highly desired."

Therefore, Hwang said there is a need to breed for grapevines that combine the superior wine quality of *Vitis vinifera* with the disease resistance and cold hardiness of Norton.

"Classical grape breeding programs often take more than 30 years to fully evaluate and release new cultivars," Hwang explained. "Because of the long breeding cycle in woody plant species like grape, developing molecular markers linked to genes of horticultural and morphological traits for use in marker-assisted selection can greatly accelerate the breeding process and allow much more accurate selection of progeny."

Before coming to Missouri State University, Hwang earned his master's and Ph.D. from the Department of Botany at the University of Iowa, Iowa City, Iowa. He previously worked as an assistant specialist at the University of California, Davis, Calif., in the laboratory of Dr. Andy Walker, professor and geneticist of viticulture and enology.

"There is an ongoing project in the Walker laboratory focused on using marker-assisted selection to introduce powdery-mildew resistance genes from different Vitis resistance sources into wine grapes, and our collaborative efforts will help in both mapping resistance and advancing improved forms of Norton," Hwang said. "This collaboration will also lead to a better understanding of powdery-mildew resistance in Norton grape and should allow the pyramiding of multiple-resistance sources to create grapes with broad and durable resistance."

Hwang currently resides in Springfield with his wife, and two daughters, who attend Greenwood Laboratory School. Their family enjoys spending time together on the local hiking and jogging paths.

Instructor and Students Survey Minnesota Counties
By Emily Grady and Stephanie Morgan

Tom DeWitt, of Rogersville, Mo., instructor of soil science courses and advisor for the Soil Judging Team at Missouri State University, headed an expedition to conduct soil surveys in Cook and Lake counties in Minnesota. The two counties have never had soil surveys done. Graduate students, Ben DeWitt and Cody Wallace, assisted with the field work.

The team traveled the North Shore of Lake Superior to complete a USDA Natural Resources Conservation Service soil survey. Tom DeWitt is a retired NRCS soil scientist.

"We're basically inventorying all of the soils in the county," Tom DeWitt said. "We are taking samples on the ridge top, side slopes and down in valleys to get a representative sample of all the soils."

The team discovered one thing most Cook County residents were already aware of. There is a lot of rocky soil in the county.

"We've found a lot of swamps, clay and lots of rock," Tom DeWitt said. "The hardest part is getting two feet down for samples."

Collecting the samples was challenging for the trio. Ben DeWitt said the weather wasn't too difficult, but the environment posed more problems.

"It's toughest in the areas where there are no trails," Ben DeWitt said.

The team continued working on the soil survey until Aug. 15, 2010. Tom DeWitt needed to be back to teach classes in late August. The survey was not completed, so Tom and Ben DeWitt will be heading back the last week of May and will stay until Aug. 1.
Spring 2011 Vegetable Class is Active

By Alysia Coles

Dr. Clydette Alsup-Egbers taught a relevant interactive vegetables class spring 2011 that was more than learning about basic growing, harvesting and marketing of vegetables. The class consisted of 28 students with different majors.

Students learned from guest speakers who taught them about growing record-sized pumpkins up to 1400 pounds, edible weeds, hydroponics, beekeeping, the business of Community Supported Agriculture, kitchen gardens and direct marketing of vegetables. Patrick Byers, University of Missouri Extension agent, also helped the students graft their own tomatoes.

Students were invited to participate in Saturday exploratorium activities for extra credit. The first event was a visit to the Penserona Farms in Strafford, Mo. Another activity was learning to build cold frames and hot beds at the Darr Agricultural Center. Later class members went to Millsap Farm for a tour and to help plant no-till tomatoes. Another Saturday class members took an educational tour of Fassnight Creek Farm.

During class, students gave speeches on a vegetable topic of their choice. There were widely-ranged topics including desirable bugs, eggplants in India and natural pots for starting tomatoes.

Class member Heather McCallister said she was glad she took the class because she learned so much about methods of growing different vegetables. McCallister is a senior horticulture major from O’Fallon, Mo.

Students Attend Young Farmers and Ranchers National Convention

By Cheyenne Shipps

In February nine members of Missouri State University Collegiate Farm Bureau traveled to Orlando, Fla., to the Young Farmers and Ranchers National Convention. During the convention the students attended sessions about agricultural policy issues, leadership and farm management.

The group was able to have interaction with students from across the country during dinner and other parts of the conference. The banquets were set up so people from different areas were seated together.

“Each year we have one person go to participate in the discussion meet and the chapter wanted to get more involved on the national level,” said Paige Jenkins, general agriculture major from Pleasant Hope, Mo.; Kayla Benedict, agricultural business major from Bolivar, Mo.; Kayln Stevens, agricultural business major from Bolivar, Mo.; Kiersten Asbury, agricultural business major from Salisbury, Mo.; Kelsie Young, agricultural communications major from Aurora, Mo.; and Logan Yearsley, agricultural communications and education major from Buffalo, Mo., and Smantha Warner, agricultural education major from Archie, Mo.
Students Learn About Animal Behavior

By Laura Correnti

A new class opened up second block this semester that offered a unique opportunity for students to enjoy the fresh air and spend time with animals. Dr. Melissa Hudson, assistant professor of animal science, offered a special problems course for students who wanted to learn how to halter break cattle.

The class sessions worked around the students’ schedules with two students in each session. The class counts as two-elective animal science credits.

Hudson is working with students to halter break cattle for Wyatt Miller’s master’s degree project. Miller is a senior agriculture major from Hannibal, Mo., who is researching the effects of increasing levels of distiller’s grains on forage intake and digestibility.

“The goal is to have four steers that are gentle and aren't bothered by humans,” Hudson said.

“The steers are moved through a cattle chute where at the end, a rope halter with lead, is placed over the face of the steer so that students can grab the rope and lead the steer around,” Hudson explained.

Students work in teams of two and least-experienced students are placed with students who have cattle working experience. The steers are handled and petted by the students so they become acclimated to people.

Benjamin Howard, a sophomore animal science major from Eldon, Mo., described his experience as fun, and a great break from classes and studying.

“Halter broken steers make it safe and easier for different projects by reducing stress and danger to both the animal and students,” Hudson explained.

Jennings Crowned

By Stephanie Morgan

March 12 Alexis Jennings, sophomore animal science major from Ozark, Mo., was crowned Miss Rodeo Missouri 2011.

As soon as her name was announced she started “signing autographs, taking interviews and more importantly representing Missouri rodeo.”

There were three areas to the pageant and Jennings won all three- horsemanship ability, speech contest and people’s choice award.

She has attended numerous events, but said “one event sticks out the most.”

“During one of the rodeos, held in Oklahoma City, I was one of 23 queens who visited our veterans at the VA Hospital,” Jennings said. “While I was there I was able to meet men and women who have defended our country and risked their lives. That is something I will never forget.”

In July Jennings will be one of the many First Ladies of Rodeo carrying a flag at Cheyenne Frontier Days, Cheyenne, Wyo. The rest of the year she will attend rodeos across the state of Missouri. Jennings will end her reign competing at the National Finals Rodeo, Las Vegas, Nev., for the title Miss Rodeo America.
Students Take Scientific Approach to Farmfest

By Alyssa Loveland

A number of Missouri State University agriculture students were on a mission as they interacted with vendors at the Annual Ozark Fall Farmfest at the Ozark Empire Fairgrounds, Springfield, Mo. These students were working on a survey devised by two assistant professors of animal science, Dr. Beth Walker and Dr. Melissa Hudson.

Farmfest is promoted by the Ozark Empire Fair and Farm Talk Publishing, Parsons, Kan. The event, which attracts families, producers and others, is promoted as “the largest agricultural trade show in the Ozarks.” This was the 31st year for the event and, according to Farm Talk Newspaper, more than 45,000 people attended.

“It is customary for MSU School of Ag professors to strongly encourage, if not require, students to attend Farmfest, as it is believed to be a good networking opportunity for students,” Hudson said. “However, we had no idea of how the students perceived the event or the opportunity to interact with vendors. So, the study was designed to provide some insight.”

Walker and Hudson drafted the survey with two objectives in mind. The first objective was to assess the motivation of students to learn at Farmfest.

The second objective was to determine if gender, attire or agricultural background influenced how vendors reacted to students.

Walker said the underlying goal for the study was to introduce undergraduate students to the research process and to develop student appreciation for the challenges of conducting research. Participating students, who were all volunteers, were given a protocol of two assigned-dress codes, professional agricultural and casual.

A survey instrument, called the Intrinsic Motivation Inventory, designed to assess each student’s motivation was taken before and after attending Farmfest.

Students completed the in-class pre-survey questionnaire and were given a set of questions to ask at least five different vendors. Students were allowed to ask additional questions that pertained to their interests. Before leaving Farmfest, students completed the post survey, which was located at the William H. Darr School of Agriculture booth.

Walker said the statistical analysis is not yet finalized. However, she said the data is leaning toward previous farm experience being more important than gender or dress.

“If you were from a farm, then you really enjoyed and wanted to learn more about what was going on at Farmfest, compared to someone not from a farm,” concluded Walker.

A high tunnel has been added to the Missouri State Fruit Experiment Station at the Mountain Grove Campus. A high tunnel, or hoop house, is one way to moderate climate and extend crop production seasons.

High tunnels are unheated greenhouses naturally cooled by venting the side walls. Mountain Grove staff members constructed the tunnel.

Left to Right: Dr. Martin Kaps, Steven Turner, Jack Atchison, Randy Stout, Joe Wright, Jeremy Emery, Shawna Bashor, Pam Turner (in hydroladder), Leslie Akers (not shown, but hiding behind Pam Turner), and Sylvia Carter.
Dr. James Cofer, president of the Missouri State University System, and Darin Link, certified sommelier and sales representative for Brown Derby International Wine Center in Springfield, visited the Mountain Grove Cellars to see how Missouri State wines are bottled.

At the winery Dr. Karl Wilker, associate professor of enology and MSU winery/distillery manager, and C. J. Odneal, cellar technician, demonstrated the bottling process and put the group, including Dr. Anson Elliott, director of the William H. Darr School of Agriculture, to work.

The group sparged the bottles with nitrogen to remove all of the oxygen and then put the bottles in the filler. Once filled, the bottles are double checked to make sure the wine is at the proper level before being placed in the corking machine. After the wine bottles are stoppered, they are labeled. Once the labels are affixed, a capsule is put over the cork and bottle neck then heated so it seals.

The Mountain Grove Cellars is a commercially licensed winemaking and distillation facility located at the State Fruit Experiment Station of Missouri State University. Grape processing usually occurs in August and September and the juice is fermented into wine. Wines then go through finishing operations and are bottled in the spring. Proceeds from product sales support research conducted on specific winemaking problems, educational opportunities for Missouri State students, and outreach programs for home winemakers as well as persons interested in commercial distillation of fruit brandies.

Mountain Grove Cellars wines are unique in that they are made solely from grapes grown at the Fruit Experiment Station at the Missouri State – Mountain Grove Campus.

The Missouri State University – Mountain Grove Campus has new dormitories. The dorms, with accommodations for 22, will be used for graduate students, visiting scientists, workshop participants, working students on the campus and at Journagan Ranch, and other visitors.

The two-story facility is vertically split to accommodate males on one side and females on the other with two bathrooms on each side. Common rooms are located centrally on each floor. There are sleeping rooms set for single or double occupancy. Computer ports are scattered throughout the facility.
Jenkins Competes in National Farm Bureau Competition

By Samantha Warner

Paige Jenkins, Missouri State University sophomore and general agriculture major from Pleasant Hope, Mo., represented the William H. Darr School of Agriculture in the Missouri Farm Bureau Collegiate Discussion Meet. The meet was held during the Missouri Farm Bureau Annual Meeting in December.

Jenkins placed second in the competition, qualifying her for the national discussion meet. The national meet was held in conjunction with the Young Farmers and Ranchers National Convention, Feb. 4-7, in Orlando, Fla.

Cody McCann, junior agricultural business and animal science major from Lebanon, Mo., also represented MSU in the YF&R state level discussion meet.

Newly-purchased vehicles and equipment for the William H. Darr School of Agriculture are lined up in front of Pinegar Arena at the Darr Agricultural Center. The three trucks, a livestock trailer, two John Deere utility vehicles and a 12-passenger van were funded by a grant from the U.S. Department of Education.

Li-Ling Chen, agriculture research specialist, using the thermal cycler to amplify DNA in efforts to improve Missouri grapes. Laboratory equipment for plant, animal, and soil teaching and research was obtained through a U.S. Department of Education Grant.
Missouri State University students and other Missouri FFA Media Room staff members during the 2011 Missouri FFA convention. Pictured from left to right: First row – Lauren Schad, University of Missouri student; Jocelyn Butler, animal science/agricultural communications graduate student from Republic, Mo.; Stephanie Morgan, sophomore agricultural communications major from Lamar, Mo. Second row – Cody Allen, junior general agriculture major from Warrensburg, Mo.; Amanda Stapp, University of Missouri graduate and freelance journalist; Kerri Percival, senior agricultural communications major from Bolivar, Mo.; Joyce Cutright, FFA media room coordinator and MSU per course instructor; Greg Rotert, University of Missouri staff. Back row – Jeremy Whistance, University of Missouri staff; Jordan Newland, University of Missouri student; Derrick Nichols, senior agricultural communications major from Springfield, Mo.; and Jarrett Whistance, University of Missouri graduate student.

Nearly 400 high school agriculture students came to the Salute to Agriculture, Dec. 19, sponsored by Missouri Farm Bureau.

Students ate dinner, played games and visited booths while at the Darr Agricultural Center. The group then went to a Missouri State University Bears basketball game.

Alpha Gamma Sigma, Collegiate FFA, Collegiate Farm Bureau, school of agriculture graduate students, and other agricultural clubs helped organize and run the event.

Before the game, representatives of agricultural clubs were recognized on the basketball court alongside Blake Hurst, president of Missouri Farm Bureau Federation; Dr. Anson Elliott, director of the school of agriculture; Karl Bastin, Missouri State board member from district 7; and Jim Bellis, assistant head and director of student services and public affairs in agriculture.

“We had a good turnout of high school students for the first ag salute at a basketball game,” Bellis said. “We hope to have the salute at a basketball game again next year.”
November Scholarship Banquet Highlights

### SCHOLARSHIPS

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<tr>
<th>Scholarship</th>
<th>Recipients</th>
<th>Hometown</th>
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<tbody>
<tr>
<td><strong>Agriculture Alumni Scholarship</strong></td>
<td>Senior</td>
<td>Highlandville</td>
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<td>Alyssa Loveland</td>
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<td></td>
<td>Daniel Wisner</td>
<td>Osceola</td>
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<td>Whitney Harrison</td>
<td>Cassville</td>
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<tr>
<td><strong>Sophomore</strong></td>
<td>Samantha Sellers</td>
<td>Caruthersville</td>
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<tr>
<td><strong>Freshman</strong></td>
<td>Cheyenne Arthur</td>
<td>Greenfield</td>
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<td>Heather Gray</td>
<td>Carthage</td>
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<td>Stephanie Baker</td>
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<td>Jason Obermann</td>
<td>Monett</td>
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<td><strong>Gayle Ashley Horticulture Club Scholarship</strong></td>
<td>Jessica Missey</td>
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<td><strong>Carr Farm Scholarship</strong></td>
<td>Upper</td>
<td>Jefferson City</td>
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<td>Evan Kempker</td>
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<td>Matthew Wommack</td>
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<td><strong>Junior</strong></td>
<td>Daniel Kahre</td>
<td>Miller</td>
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<td><strong>Junior</strong></td>
<td>Alison Bos</td>
<td>Billings</td>
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<td><strong>Sophomore</strong></td>
<td>Caroline Waldbuesser</td>
<td>Jasper</td>
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<td><strong>Sophomore</strong></td>
<td>Ashley Istas</td>
<td>Joplin</td>
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<td><strong>Sophomore</strong></td>
<td>Samantha Warner</td>
<td>Archie</td>
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<td><strong>Freshman</strong></td>
<td>Sylvia Garnett</td>
<td>Stella</td>
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<td><strong>Freshman</strong></td>
<td>Taylor Eagles</td>
<td>Mount Vernon</td>
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<td><strong>Freshman</strong></td>
<td>Emily Scott</td>
<td>Quincy</td>
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<td><strong>The Honor Society of Delta Tau Alpha Scholarship</strong></td>
<td>Clair Dohmen</td>
<td>Brookline</td>
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<td><strong>FFA Scholarship</strong></td>
<td>Casteel Kirk</td>
<td>Urbana</td>
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<td><strong>MaryAnn Percival</strong></td>
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<td>Quaid Taylor</td>
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<td><strong>Farmers Coop Livestock Marketing Scholarship</strong></td>
<td>Cody McCann</td>
<td>Falcon</td>
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<td>Nanah Devan Henderson</td>
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<tr>
<td><strong>Jack Gordon Memorial Scholarship</strong></td>
<td>Taressa Rankin</td>
<td>Lebanon</td>
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</table>
| **Sophomore**                                    |oment animal science major from Bennett Springs, Mo. (left) receiving the award from Ralph Gordon (right).
| **Harry and Marion James Agronomy Scholarship**  | Kerre Clark            | Seymour          |
| **Norman Justus Scholarship**                    | Lyndi Tuttle           | Ash Grove        |
| **Glenn E. and Ruth Karls Memorial Scholarship**| Senior                | Barnhart         |
|                                                  | Rowena Woode           |                  |
| **Senior**                                       | Peggy Hood             | Union            |
| **Senior**                                       | Beth Courter           | Springfield      |
| **Junior**                                       | Barbara J. Anderson    | Ash Grove        |
| **Freshman**                                     | Kelsey Irwin           | Jefferson City   |
| **Freshman**                                     | Austin Smith           | El Dorado Springs|

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**Agriculture Alumni Scholarship**
Susan Dawley (right), presenting the award to Whitney Harrison, junior agricultural business major from Cassville, Mo. (left).

**Carr Farm Scholarship**
Evan Kempker, senior animal science major from Jefferson City, Mo. (left), receiving the award from Wilma Jean Lower, (right).

**Jones Farm Scholarship**
Evan Kempker, senior animal science major from Jefferson City, Mo. (left), receiving the award from Wilma Jean Lower, (right).

**Gayle Ashley Horticulture Club Scholarship**
Jessica Missey
Trenton, Ill.

**Carr Farm Scholarship**
Upper
Evan Kempker
Jefferson City
Freshman
Alicia Button
Urbana

**Douglas W. Darr Leadership Scholarship**
Senior
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Buffalo
Junior
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Miller
Junior
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Billings
Sophomore
Caroline Waldbuesser
Jasper
Sophomore
Ashley Istas
Joplin
Sophomore
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Taylor Eagles
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**Farmers Coop Livestock Marketing Scholarship**
Cody McCann
Falcon
Nanah Devan Henderson
Cassville

**Jack Gordon Memorial Scholarship**
Taressa Rankin, sophomore animal science major from Bennett Springs, Mo. (left) receiving the award from Ralph Gordon (right).

**Harry and Marion James Agronomy Scholarship**
Kerre Clark
Seymour

**Norman Justus Scholarship**
Lyndi Tuttle
Ash Grove

**Glenn E. and Ruth Karls Memorial Scholarship**
Dr. Beth Walker, assistant professor (left), presenting the award to Rowena Woode, senior animal science major from Barnhart, Mo. (right).
SCHOLARSHIPS  
RECIPIENTS  
HOMETOWN

Benjamin Charles Kruse Memorial Scholarship
Paige Jenkins
Bolivar

James P. and Margaret Landreth Scholarship*
Courtney Jones
Stockton

MFA, Inc. Scholarship*
Amber Cobb
Everton

H. Lewis Miller Scholarship*
Brian Austin
Butler

Missouri Farm Bureau Foundation for Agriculture Scholarship
Dakota Arthur
Greenfield
Bethany Markway
Eugene

Ed Pinegar Scholarship*
Kacie Smith
Springfield

Howard Pyle Memorial Scholarship*
Heather Gerity
Jefferson City

Vernon Renner Scholarship
Soils
Scott Lee
Nevada

Environmental Studies
Jennifer McGinnis
Seymour

Leadership-Upperclass
Callie Mawson
Archie

Leadership-Upperclass
Hailey Robertson
Lamar

Ecological Agriculture
Wyatt Miller
Hannibal

John D. Schatz Scholarship*
Megan Brandt
Koeltztown

J.N. Smith/FCS Financial Memorial Scholarship
Lauren Eagles
Mount Vernon
Kiersten Asbury
Higbee

Stanlie H. and Belva Ross Spangler Memorial Scholarship
Whitney Wiegert
Pleasant Hope
Kelsie Young
Aurora

David F. Stanke Memorial Scholarship*
Shana Austin
Butler

Charles and Patricia Stufflebeam Scholarship*
Victoria Boyer
Marshfield

Robert F. Thomson, Jr. Family Scholarship*
Shannon McClintock
Purdy

Uncle Tom Watkins Memorial Scholarship*
Cheyenne Shipps
Dadeville

White River Valley Electric Cooperative Scholarship
Alysia Coles
Strawberry, Ark.
Kody Killingsworth
Ash Grove

Marilyn Daniel Scholarship*
Micala Penton
Columbia

Dennis and Phyllis Schmitt Graduate Scholarship
Cody Dalton
Springfield

*Denotes endowed scholarship

Benjamin Charles Kruse Memorial Scholarship
Carl Bastin (left), presenting the award to Paige Jenkins, junior agricultural communications major from Bolivar, Mo. (right).

James P. and Margaret Landreth Scholarship*
Courtney Jones, senior agricultural education major from Stockton, Mo. (left), receiving the award from Dr. Jon Wiggins, professor (right).

Howard Pyle Memorial Scholarship*
Dr. Clydette Alsup-Egbers, associate professor (left), presenting the award to Heather Gerity, junior horticulture major from Jefferson City, Mo. (right).

Stanlie H. and Belva Ross Spangler Memorial Scholarship
Dr. Wenping Qiu, professor (left), presenting the award to Kelsie Young, junior agricultural communications major from Verona, Mo. (right).

White River Valley Electric Cooperative Scholarship
Rick Helms (left), presenting the award to Alysia Coles, sophomore agricultural education major from Strawberry, Ark. (right).

Dennis and Phyllis Schmitt Graduate Scholarship
Cody Dalton, senior animal science major from Springfield, Mo. (left), receiving the award from Tracy Northcutt (right).
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<th>AWARDS</th>
<th>RECIPIENTS</th>
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<td><strong>Schnelle Sparkman Farm Bureau Salute to Agriculture Award</strong></td>
<td>Cassandra Fisher</td>
<td>Edwards</td>
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<td></td>
<td>James Asher</td>
<td>Greenfield</td>
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<td>Cameron Hance</td>
<td>Rolla</td>
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<td><strong>Greene County Farm Bureau Award</strong></td>
<td>Kalyn Stevens</td>
<td>Bolivar</td>
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<td>Kerri Percival</td>
<td>Bolivar</td>
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<tr>
<td><strong>Darr Center Ambassador Award</strong></td>
<td>Toree Bova</td>
<td>St. Louis</td>
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<tr>
<td><strong>Distinguished Service Award</strong></td>
<td>The Journagan Family</td>
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<td><strong>The Honor Society of Delta Tau Alpha Outstanding Freshman Award</strong></td>
<td>Mary Ann Percival</td>
<td>Urbana</td>
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<td><strong>W. Anson Elliott Citizen Leadership Award</strong></td>
<td>Claire Dohmen</td>
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<td>Kalyn Stevens</td>
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<td>Daniel Wisner</td>
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<tr>
<td><strong>Glenn E. Karls Senior Excellence Award</strong></td>
<td>Daniel Wisner</td>
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**Glen E. Karls Senior Excellence Award**
Daniel Wisner, senior agricultural business major from Osceola, Mo. (left), receives the award from Dr. Anson Elliott, director (right).

**Schnelle Sparkman Farm Bureau Salute to Agriculture Award**
Wayne, Schnell (left, in each photo), presenting the award to Cassandra Fisher, freshman agricultural business major from Edwards (right), in the first photo; James Asher, sophomore agricultural business major from Greenfield (right) center photo, and Cameron Hance, freshman agricultural business major from Rolla (right), third photo.

**The Honor Society of Delta Tau Alpha Outstanding Freshman Award**
Dr. Anson Elliott, director (left) presenting the award to Mary Ann Percival, junior agricultural education major from Urbana, Mo. (right).

**W. Anson Elliott Citizen Leadership Award**
Kalyn Stevens, senior agricultural business major from Bolivar, Mo. (left), receives the award from Dr. Anson Elliott, director (right).

**W. Anson Elliott Citizen Leadership Award**
Claire Dohmen, senior animal science major from Brookline, Mo. (left), receives the award from Dr. Anson Elliott, director (right).

**Darr Center Ambassador Award**
Ms. Sue Webb, senior equine instructor, (left), presents the award to Toree Bova, graduate student in MNAS, (right).

**Distinguished Service Award** The Journagan Family
From left, Vicki Lueck, Marty Lueck, Leo Journagan, Anson Elliott, Jean Journagan, Allan Journagan, Jill Journagan, James E. Cofer, Sr., president, Belinda McCarthy, provost.
Dr. Dennis Schmitt (in back), MSU animal science professor, and Cody Dalton (standing front), agriculture graduate student from Springfield, Mo., artificially inseminating an Asian elephant in March at the Woodland Park Zoo, Seattle, Wash. Schmitt is a leading expert in elephant reproductive physiology. Photo by: Dennis Dow.

Members of the first graduating class from William H. Darr School of Agriculture gather around Dr. Anson Elliott, director of the school of agriculture, after the Spring 2011 graduation ceremony.
Statistics Fall 2010

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Major Enrollment
- General Agriculture: 16
- General Agriculture/Agriculture: 19
- General Agriculture/Communications: 9
- General Agriculture/Food Technology: 1
- Agronomy: 38
- Animal Science: 112
- Agricultural Business/Agricultural Enterprise Mgmt: 24
- Agricultural Business/Agricultural Finance and Mgmt: 26
- Agricultural Business/Agricultural Marketing and Sales: 24
- Horticulture: 19
- Technology Education: 7
- Agricultural Education: 38
- Wildlife Conservation and Management: 55

College of Natural & Applied Science (Graduate Masters): 19
College of Natural & Applied Science (Accelerated): 4
Plant Science (Graduate Masters): 4
Plant Science (Accelerated): 1
Agricultural Secondary Education (Graduate Masters): 1
Total: 412

Scholarship and Awards
Banquet Sponsors
- Bill and Virginia Darr – 2002 – 2010
- FCS Financial – 2006 – 2010
- John and Sally McAlear – 2005 – 2010
- MFA, Inc. Regional – 2002 – 2010
- PFI Western Store – 2003 – 2010
- Gus and Pat Rutledge – 2005
- Springfield Area Chamber of Commerce – 2005 – 2010
- Willow Brook Foods Inc. – 2006, 2007

Ag Review is mailed to:
- Alumni and Emeritus: 3,000
- Current agriculture students: 400
- Sponsors: 150
- High School counselors and agriculture teachers: 400
- Given away at fairs and expos: 550

Agriculture Founders Club ($10,000 minimum donation)
- Margaret S. and Mervin C. Aude
- William K. Berry
- Laurence R. Buller
- Mrs. Grace Carr
- Robert and Tracy Caruth
- Central Dodge
  - (Mr. and Mrs. Harold Neeley)
- Ric L. and Melanie Cooper
- Larry and Marilyn Daniel
- Bill and Virginia Darr
- Darr Family Foundation
- Cameron Davis
- Day Cattle Company
- W. Anson and Betty Elliott
- Farmers Coop Livestock Marketing Assn.
- FCS Financial
- Ben and Janis Fuqua
- Greene County Farm Bureau
- Rick Gunlock
- R. Dwain and Donna Hammons
- Jack and Janice Harris
- Rita Harris
- Mr. and Mrs. Harold W. Harrison
- Cody W. and Marilyn Ice
- Cody W. Ice II
- International Assn. of Fairs & Expos
- Dr. Harry R. and Marion James
- Lee J. Johnson
- Joplin Regional Stockyards
- Journagan Construction - Allen Journagan
- Leo and Jean Journagan
- Glenn E. and Ruth Z. Karls
- Larson Farm & Lawn
- Randy and Johnelle Little
- Carl and Dianna Lowe
- Clayton L. and Mary A. Mathile
- John and Sally McAlear
- Dennis Meier
- MFA Foundation
- Lewis and Patricia Miller
- Missouri Beef Industry Council
- Missouri Farm Bureau
- Kym and Michael Morse
- Michelle K. Moulder
- Bud E. Orchard
- T. Edward and Carol Pignear
- Peggy Quintus
- Vernon and Fay Renner
- Susan Sanders
- Dr. and Mrs. Dennis Schmitt
- Helen M. Steiner
- Charles and Patricia Stufflebeam
- John and Jane Sullivan
- Kenny Teague
- Ron and Sue Carrol Terry
- Gary and Sydney Tompkins
- Mr. and Mrs. James C. Tucker
- U.S. Tobacco Co. Scholarship Awards
- Julie Vestal-Gibbons
- Barry Waack
- Rosalie Wooten
- Dr. J. Kathleen Young
- Vaughn and Becky Zimmerman
# Graduates

## Summer 2010

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## Spring 2011 (prospective)

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<td>Wisner Daniel C</td>
<td>Agr Bus/Agr Fin &amp; Mgt-BS Magna Cum Laude</td>
<td>Osceola</td>
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<td>Wormington Nicole L</td>
<td>General Agriculture-BAS</td>
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The agricultural communications class, under the direction of class instructor Joyce Cutright, provided feature stories for the spring 2011 edition of the Missouri State University Ag Review.

Pictured below are the class members and other Ag Review staff.

Cody Allen, junior general agriculture major from Warrensburg, Mo.

Benjamin Bunton, sophomore journalism, print and internet major from Lamar, Mo.

Alysia Coles, sophomore agricultural education major from Springfield, Mo.

Jennifer Cooper, senior animal science major from Republic, Mo.

Laura Correnti, senior animal science major from Frankford, Mo.

Justin Cron, senior agricultural business major from Strafford, Mo.

Emily Grady, senior animal science major from Bois D’Arc, Mo.

Alexis Jennings, sophomore animal science major from Ozark, Mo.

Evan Kempker, senior animal science major from Jefferson City, Mo.

Brett Littleton, sophomore animal science major from Keytesville, Mo.

Alyssa Loveland, senior animal science major from Hollister, Mo.

Carmen Mayers, junior animal science major from Grover, Mo.

Derrick Nichols, senior agricultural communications major from Springfield, Mo.

Chelsey Orf, sophomore animal science major from Defiance, Mo.

Christi Pilger, junior agricultural business major from Ozark, Mo.
Taressa Rankin, sophomore animal science major from Bennett Springs, Mo.

Kelsey Rowden, sophomore agricultural education major from Hermitage, Mo.

Emily Scott, sophomore agricultural communications major from Springfield, Mo.

Samantha Sellers, junior animal science major from Springfield, Mo.

Cheyenne Shipps, junior animal science major from Dadeville, Mo.

Samantha Warner, junior agricultural communications major from Archie, Mo.

Dana Rose, senior animal science major from Springfield, Mo.

Ashley Winfrey, sophomore agricultural education major from Humansville, Mo.

Stephanie Morgan, sophomore agricultural communications major and Ag Review editor from Lamar, Mo.

Kerri Percival, senior agricultural communications major and Ag Review editor from Bolivar, Mo.

Jocelyn Butler, agricultural communications graduate student, and Ag Review layout designer and editor from Republic, Mo.

Joyce Cutright, per course instructor for agricultural communications and Ag Review editor from Springfield, Mo.

Pamela Mayer, library associate II at Mountain Grove Campus, and Ag Review layout and photo editor from Hartville, Mo.

Thank you to the following for submitting photos:
Anson Elliott, Gary Webb, Photographic services, Arbindra Rimal, Club Presidents, Jim Bellis, CJ Odneal, Sue Webb, Lorie Padgett, Maciej Pszczolowski, Wenping Qiu, Sheila Wear, Sue Morris, Marilyn Odneal, Sam Warner, Kerri Percival, Pam Turner, Stephanie Morgan, Joyce Cutright, Jocelyn Butler, Jim Hutter, Dennis Dow and Alicia Biffle.
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Graduate Students, Spring 2011

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