



COWPOKE NEWS

The Department of Animal Science, Oklahoma State University

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please install Adobe Reader.*

News from the Department Head

Dear Alumni and Friends:

We hope you enjoy this second issue of the "Cowpoke News". We are committed to keeping you informed about the OSU Department of Animal Science. The Cowpoke News is not intended to replace the Alumni Update you have routinely received in the Spring. Instead, our goal is to stay in touch with you on a year-round basis. We plan to send you the Cowpoke News three times per year and the Alumni Update once in the Spring.

In this issue of the Cowpoke News, you will read about our outstanding students who have represented the Department of Animal Science well this fall in Homecoming competitions, scholarship competitions and leadership selections. Our student clubs have also had a very successful fall. You will also read about our outstanding graduate students and wonderful faculty.

In late October, we hired Dr. Blake Bloomberg as an Assistant Professor in Applied Animal Science. Dr. Bloomberg grew up on a Diversified Livestock Operation near Berwick, IL. In addition to teaching Applied Animal Science courses, Dr. Bloomberg will also coach the OSU Livestock Judging Team. Dr. Bloomberg is currently preparing the Junior Livestock Judging Team for spring competitions, including the National Western in Denver, CO.

We recently increased Rebekah Alford's responsibilities, as we hired her to replace Michael Mars as our Computer Specialist. Rebekah will continue as the Administrative Assistant in the Physiology suite, in addition to her duties as our Computer Specialist and editor of the Cowpoke News. "Thank You" Rebekah for your willingness to wear multiple hats!

If you or someone you know would like to receive a hard copy of the Cowpoke News or would like to be added to our e-mail list, please contact Rebekah at cowpokeneeds@okstate.edu. All publications of our Cowpoke News are available on our website at www.ansi.okstate.edu/newsletter.

Sincerely,

Clint Rusk



OSU Homecoming

ANSI student organizations receive awards at Homecoming

Homecoming 2013, “Branding a Brighter Orange,” set records with more than 100,000 people attending the Homecoming festivities. The College of Agricultural Sciences and Natural Resources was named the “Most Spirited College!” Animal Science and other CASNR student organizations participated in Homecoming 2013 activities, which included the Sea of Orange Parade, Chili Cook-off, Sweepstakes, Sign Competition, and Harvest Carnival. Two Animal Science clubs won awards for their participation in Homecoming competitions. Congratulations to these students!

Dairy Science Club

Sweepstakes (Student Organizations): 1st Place

Sea of Orange Parade (Student Organizations): 2nd Place

Oklahoma Collegiate Cattlemen Association (OCCA) and Cattlemen (OCCW)

Sign Competition: 2nd Place

Harvest Carnival (Student Organizations): 1st Place

Sweepstakes (Student Organizations): 3rd Place

[View All Sign Competition Entries Here!](#)

OSU Homecoming - Food Science Club

The Food Science Club participated in many of this year’s Homecoming activities, including the Chili Cook-off.

The Food Science Club at Oklahoma State University serves to acquaint students with a fuller understanding of food science and technology. It also serves to develop and maintain a close relationship between the students in the club and the faculty/staff of the Department of Animal Science (DANSI) and Food and Agricultural Products Center (FAPC).

Food Science Club members range from undergraduate and graduate students, as well as faculty/staff fellows, who interact and explore the many areas of this growing field. The club also aids in providing club members internships and job opportunities within the industry. In addition, a big portion of the year is spent in preparation to compete against other universities in product development competitions and a college bowl, which are hosted by the Institute of Food Technologists (IFT).



Food Science Club members, Shade Hughes and Adrian Nault, at the Chili Cook-off event.

Featured Stories

OSU Homecoming - Animal Science Leadership Alliance



Animal Science Leadership Alliance CASNR window painting.



ASLA Sign

Animal Science Leadership Alliance (ASLA) painted the doors of AG Hall in celebration of this year's Homecoming. The ASLA members also participated in other activities, like the Sign Competition.

ASLA is an elite leadership group designed to recruit students who mentor current students, recruit new students, and provide a bridge between students and faculty.

OSU Homecoming - Block & Bridle

For the 2013 Homecoming celebration, the club Block & Bridle (B&B) participated in the sign competition, the chili cook-off, and the Harvest Carnival.

Students involved in B&B come from all areas of Animal Science plus anyone through out the university who has an interest in animal agriculture.



B&B at the Harvest Carnival.



B&B participated in the Sign Competition.



B&B at the Chili Cook-off Homecoming event.

Featured Stories



OSU Homecoming - Dairy Science Club

The Dairy Science Club participated in the Sign Competition, Sea of Orange Parade, Harvest Carnival, and the Sweepstakes. They won 1st place at the Sweepstakes and 2nd place for the Sea of Orange Parade, during which they presented Oklahoma Governor Mary Fallin with cheese.

Sweepstakes (Student Organizations): 1st Place
Sea of Orange Parade (Student Organizations): 2nd Place

Students who are interested in the dairy industry are encouraged to become involved in the Dairy Science Club.



Dairy Science Club members posing by their Sweepstakes trophy.



Dairy Science Club members presenting Oklahoma Governor, Mary Fallin, with cheese in front of their Dairy Float.



The Dairy Science Club in front of their homecoming float. Dairy Science took second place in the Sea of Orange Parade.

Featured Stories



OSU Homecoming - OCCA and OCCW

The Oklahoma Collegiate Cattlemen's (OCCA) and Oklahoma Collegiate Cattlewomen's Association (OCCW) participated in the Chili Cook-Off, the Sea of Orange Parade, Sweepstakes, window painting, and the Sign Competition during the Homecoming festivities this year at OSU. OCCA and OCCW members are involved in agriculture, and the cattle industry. They promote the welfare of the livestock industry through educational activities.

Sign Competition: 2nd Place
Harvest Carnival (Student Organizations): 1st Place
Sweepstakes (Student Organizations): 3rd Place



OCCA & OCCW 2013 homecoming sign placed second in this year's competition with their "Brands Of Our Own" theme! The clubs wood branded the sign with brands submitted by their members!

OCCW pose for a picture with their "Feed the Cow" game during the 2013 Harvest Carnival. OCCW & OCCA placed first in this year's competition!



The Oklahoma Collegiate Cattlemen (OCCA) & Oklahoma Collegiate Cattlewomen (OCCW) pose for a picture in front of their "Brands Of Our Own" homecoming float! OCCA & OCCW took third place in the 2013 Homecoming Organization Sweepstakes!

Featured News

Department of Animal Science Seniors of Significance

The Seniors of Significance Award recognizes students who have excelled in scholarship, leadership and service to campus and community and have brought distinction to Oklahoma State University. This award recognizes the top one percent of graduating seniors in the university and the students represent all six OSU colleges and eight states. Seniors of Significance applications are available during the fall semester and awarded at the end of the fall semester at a formal reception.

We are pleased to announce out of the forty-seven students selected, four of those students are from Animal Science. These students were recognized at a public reception on November 18th, 2013 at the ConocoPhillips OSU Alumni Center. In the spring semester, these honorees will be able to update their credentials and interview for selection as one of OSU's Outstanding Seniors.

The 2013 OSU Seniors of Significance from Animal Science are:

Morgan Neilson, Meeker, CO

Karen Roberts, Douglas, GA

McKenzie Walta, Kingfisher, OK

Lauren Wells, Bonfield IL

[Click here](#) for a full list of Seniors of Significance.



The 2013-14 OSU Seniors of Significance were honored by the OSU Alumni Association on November 18th, 2013.

Featured News

Department of Animal Science Seniors of Significance



Morgan Neilson

Morgan Neilson is a senior Animal Science/Agricultural Communications major from Meeker, CO. Morgan is extremely active in the department and college. Morgan was a member of the 2012 Meat Judging Team and was high individual at the Iowa State contest and the Eastern National, as well as being named first team "All-American". Morgan just completed her livestock judging career as a member of the 2013 Livestock Judging team, where she was in the top-ten three times and once again named an "All-American". Along with her judging career, Morgan is also active in numerous organizations. She served as the President of the Meat Science Association, an officer in Block & Bridle, and as freshman-in-transition student mentor. Currently, Morgan is a member of the CASNR Ambassadors, Animal Science Leadership Alliance, along with being selected to the Oklahoma Agriculture Leadership Encounter class of 2013-14.

Even with all of this, Morgan maintains a high GPA and is active in meat science research projects. She has assisted the meat science group with several taste panels and other projects, as well as representing OSU at the Reciprocal Meat Conference. Morgan has also had two valuable internships - one with Cargill and the other with Congressman Frank Lucas, House Agricultural Committee Chair in Washington, DC. Her academic advisor is Dr. Gretchen Mafi.

After graduation, Morgan plans to pursue a master's degree in Meat Science at Oklahoma State and hopes to coach the Meat Judging Team. She would then like to pursue either a PhD in Meat Science or attend law school. She would like to work with policy as a lobbyist or elected official one day.

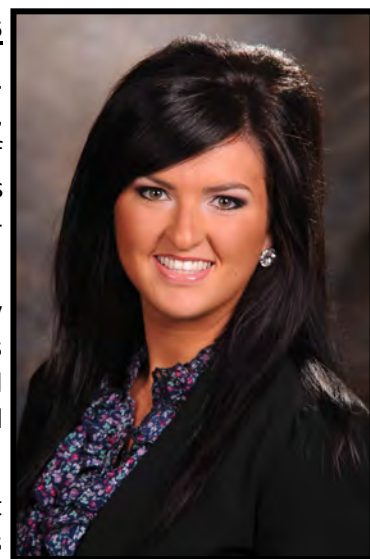
Morgan would like to thank the faculty, staff, Animal Science alumni and donors for all the support they have given the department and opportunities they have helped facilitate for students such as herself. Please congratulate Morgan for being named an OSU Senior of Significance!

Karen Roberts

Karen Roberts is a senior Animal Science Pre-Veterinary major from Douglas, Georgia. Her parents are Randy and Charlene Roberts. Karen has participated in Pre-Vet Club, Cowboys for Christ, Farm Theory, OCCW as treasurer and is a member of the College of Agricultural Sciences and Natural Resources Career Liaison Group. She currently serves as Block & Bridle president, Oklahoma State Agricultural Advocacy Promotional Leader-Pre-Vet Representative, and Oklahoma Beef Inc. (OBI) office secretary.

Karen has also been recognized by Mortar Board Honor Society, Alpha Zeta Honorary Fraternity, Phi Kappa Phi Honor Society, President's Leadership Council, Student Success Leader for the College of Agricultural Sciences and Natural Resources, Bob & Nell Totusek All-Around-Freshman Scholarship, Block & Bridle Freshman, Sophomore, and Junior Scholar Awards, and President's Honor Roll.

Karen is the first in her family to attend OSU. After graduation, she hopes to attend vet school and become a large animal veterinarian specializing in theriogenology. She plans to one day return to academia through teaching and research.



Featured News

Department of Animal Science Seniors of Significance



McKenzie Walta

McKenzie Walta is originally from Kingfisher, OK. She has competed in livestock evaluation through the National FFA Organization while at Kingfisher High School. Her team excelled by winning national championships. She also participated in livestock showing while in FFA and enjoyed showing swine.

McKenzie currently serves on OSU's Dance Marathon Executive Committee as the Director of Family Relations and is secretary of OSU's Pre-Physician Assistant Club. She is a member of Phi Kappa Phi and Alpha Epsilon Delta Pre Health Honor Society. She is an active member of the Chi-Omega Women's Fraternity serving as an Area Recruitment Chair, Scholarship Committee member, and is part of the new member mentor program. She is an OSU President's Distinguished Scholar and Academic Excellence Scholar.

McKenzie's father, Chris Walta, graduated from Oklahoma State University with a degree in Agricultural Economics, and her sister, Whitney Walta, graduated from Oklahoma State University with an undergraduate degree in Agricultural Business and a

masters degree in Quantitative Financial Economics.

McKenzie plans to graduate from OSU with a degree in Animal Biotechnology and will further her education at the University of Oklahoma's Physician Associate Program where she hopes to aid Oklahoma citizens in underserved areas of medicine. Her academic advisor is Dr. Jerry Fitch.

Lauren Wells

Lauren Wells is originally from Bonfield, IL. She has participated in FFA and 4-H horse judging, Illinois Quarter Horse Youth Association, Horse Bowl, AQHYA Youth World Show, All-American Quarter Horse Congress Champion judging teams in 2009 and 2011, member of the 2011 Blackhawk College and 2012 Oklahoma State AQHA World Champion judging team, Black Hawk College Equestrian team, and was an American FFA Degree recipient. She has also served as Herscher FFA Chapter President and Herscher Hustlers 4-H Secretary.

Lauren is currently a member of the Animal Science Leadership Alliance (ASLA), the OSU Spirit Rider Team, the Phi Kappa Phi Honor's Society, and serves as Secretary for the OSU Horseman's Association.

Lauren will graduate in May with a Bachelor's Degree in Animal Science. She plans to attend graduate school within the next year to study equine nutrition. With this degree, she would like to become a professor of equine science or a nutrition consultant for a feed company. She would also like to pursue professional judge's cards for several breed associations and to someday serve as a leader in the equine industry.

" My attendance at OSU and the goals I have reached here would not have been possible without the generous support from scholarship donors and the Animal Science Alumni Association," said Lauren. " Thank you very much for allowing me to follow my passion, and I plan to give back someday by serving others in the industry." Lauren is advised by Dr. Steven Cooper.



Featured News

ANSI students place in OSU Top 20 Freshmen Men and Women

Oklahoma State University selects 40 students annually to be named “Top Twenty Freshmen Men” and “Top Twenty Freshmen Women.” For 2013, the Department of Animal Science is home to four of these students.

The selection of students, who are now sophomores, is based upon scholastic achievement, leadership and participation in campus activities, service and awareness of the student’s role at the university during their freshman year. The honor is to recognize and encourage leadership among freshmen.

Students from the Animal Science Department include:

Kaylen Baker - Yukon, OK

Barrett Powell - Meno, OK

Jessie Heidlage - Claremore, OK

Mary Temple-Lee - Maysville, OK

The Mortar board gave a second round of interviews to select 20 students to be titled as the “Top Ten Freshmen Men” and “Top Ten Freshmen Women” at OSU. Kaylen Baker and Mary Temple-Lee were both chosen as “Top Ten Freshmen Women” at OSU. They were formally recognized during a ceremony in Edmon Low Library and again during half time of the OSU-Kansas State football game. Congratulations to these students on such a remarkable achievement!

[Click here](#) to view full list of Top 20 Freshmen Men and Women.



Mary Temple-Lee being recognized for placing in the “Top Ten Freshmen.”



Kaylen Baker being recognized for placing in the “Top Ten Freshmen.”

Featured News

ANSI Top Freshmen Men and Women



Kaylen Baker

Kaylen Baker is originally from Yukon, OK. She was a State FFA Officer from 2012 to 2013. She is currently pursuing an Animal Science degree in Business. One of her goals is to educate the general public about the importance of agriculture, specifically animal agriculture. Kaylen says, “ This will only ensure the prosperity of our industry, impacting not only our country, but our world, as well.

Kaylen also wants to attend law school and break her way into the agricultural law sector. Kaylen says that she, “would love nothing more than to work in Washington D.C. one day.” She is advised by Dr. Gerald Fitch.



Jessie Heidlage

Jessie Heidlage is originally from Claremore, OK. She graduated from Claremore High School where she was an FFA member for 5 years. She is currently a Double Major Animal Science/Agricultural Education sophomore. She is a member of Block and Bridle, Oklahoma Collegiate Cattlewomen’s Association, and has worked at the State 4-H Horse Show and the Tulsa State Fair. Jessie plans on judging on the 2014 OSU Meat Judging team. Along with being selected as one of OSU’s Top 20 Freshman, she is an American FFA Degree Recipient, Girls Nation Junior Counselor and Girls Nation Dean of Junior Counselors selected by the American Legion Auxiliary, and an Outstanding Senator by the Residence Halls Association.

Her aunt, Vicki, was the outstanding Senior in our department several years ago, prior to completing her DVM here at OSU. Her grandfather, Robert Heidlage Sr., graduated from Oklahoma A&M with a degree in Agricultural Engineering. He was one of the founding members that started the 4-H Horse project and State 4-H Horse Show, and continued his leadership to the time of his death a few years back. Her dad continues to

provide his professional services as photographer at our State 4-H Horse Show when he is not at work as a Captain in the Tulsa Police Department.

Upon receiving her bachelors degree, Jessie plans to attend law school at the University of Tulsa to further prepare herself to enter the legislative branch of our government. Jessie aspires to become an agricultural lobbyist on Capital Hill in Washington D.C., fighting for advancement of the agricultural industry with a specific focus on Animal Science.

“ I am extremely blessed to receive this honor as a representation of not only the University and the College of Agricultural Sciences and Natural Resources, but the Department of Animal Science as well,” says Jessie. “ This accomplishment would not have been possible without the encouragement and support of my professors and advisor, Dr. Steven Cooper.”

Featured News

ANSI Top Freshmen Men and Women



Barrett Powell

Barrett Powell is originally from Meno, OK. He was the Northwest District Vice President for the Oklahoma FFA Association from 2012-2013. He participated on the Ringwood Livestock Show Team by showing pigs for the last 10 years and the Ringwood Livestock Judging Team in both 4-H and FFA. He is currently the owner/operator of Powell Family Farms where he raises and shows purebred spotted swine. Barrett plans to graduate OSU with a degree in Animal Science - Biotechnology and enter the pharmacy program at SWOSU. Afterwards, he plans on returning to his roots in Northwest Oklahoma to start his own veterinary pharmacy program. Barrett is the 1st from his family to attend OSU.

“ Having the opportunity to represent the Animal Science Department as a Top 20 Freshman is truly an honor,” Barrett says. “ The work ethic and determination found only from having a background in the Animal Science field has definitely shaped me into the man I am today.”



Mary Temple-Lee

Mary Temple-Lee was born and raised on a cattle ranch in Maysville, OK. She started showing livestock as a 4-H clover-bud and continued through out high school. She is currently a member of the Collegiate Farm Bureau, Oklahoma Young Farmers and Ranchers, and Oklahoma Collegiate Cattlewomen’s Association. Mary has had many accomplishments, including the following: Honors College, National Society of Collegiate Scholars, OSU Freshman Research Scholar, President’s Distinguished Scholar, University Leadership Scholar, CASNR Scholar, Resources Scholar, ANSI Scholar, and American FFA Degree Recipient. Mary comes from a long line of OSU Alumni. Her grandparents, Raymond and Mary Temple, majored in Animal Science at OSU; their brand “-R” is featured on the south wall of ANSI 123. Her parents, Mary Ann Temple-Lee and Kevin Lee, and her two older brothers, Tim & Jon Temple-Lee, also attended OSU.

Mary plans to return to Garvin County and open a medical practice while running the family ranch along with her family. “My grandfather taught us to work for the brand,” Mary says. “ It’s a quality of life that has given me the innate ability to take challenges head on, to set goals and reach for the stars. Being an Animal Science major has taught me that hard work pays off at the end of the day. I am thankful to my advisor, Dr. Dan Stein, for encouraging me to be an Animal Science major when I was a Senior in high school. Attending Oklahoma State University and majoring in Animal Science has been the greatest decision; I cant imagine myself anywhere but here.”

Scholarships & Awards

ANSI freshmen selected for the Early Admit Program

Ten Animal Science freshmen were selected to participate in the early admission program for the Center for Veterinary Health Sciences. The program allows students with superior academic performance the opportunity to commit to their veterinary medical career goals early in the educational process. Students accepted to the program agree to complete their bachelor's degree with the pre-vet required courses and maintain a GPA of 3.5 each semester. Eighteen students in total were selected this year to participate in the program.



Accepted Animal Science Applicants

Erin Brewer	Adrienne Mulholland
Jaime Goolsby	Kathryn Plummer
Ashley Hiemer	Michelle Symczak
Andrew Lundquist	Shannon Van der Laan
Samantha Moon	Elizabeth Zwillenberg

ANSI students receive the Freshman Research Scholarship



Three incoming Oklahoma State University ANSI freshmen, Kristi Dillon, Alexis Gliedt, and Sarajane Koehler, will each receive a \$1,000 scholarship to get hands-on research experience with the Freshman Research Scholars Program (FRS).

This year, fifty-eight incoming freshmen were chosen from 31 majors to participate in the program. The program offers students an early introduction to cutting-edge research. The students will be mentored by experienced faculty researchers who will personally guide and teach them while the student scholars perform research projects. In the spring, the students will present their FRS experience and their research at a peer-level colloquium.

FRS participants will have a chance to continue their research after the program ends through other OSU research scholarships, such as the Low Wentz Research Program (\$4,500 scholarships for up to 50 students annually) and the Niblack Research Scholars (\$8,000 scholarships for up to 12 students annually).

[Click here](#) for a full list of 2013 - 2014 Freshman Research Scholars.

Scholarships & Awards

Students show dairy cattle at Tulsa State Fair

Several OSU students attended the Tulsa State Fair to exhibit OSU dairy cattle. Results were outstanding!

OSU was named Premier Breeder as well as Premier Exhibitor in the Holstein division. On their way to winning the banners, students exhibited four class winners, as well as the Best Three Females. From the class winners, OSU also had the Reserve Champion Holstein Heifer and Reserve Champion Holstein Cow.

Not only did the cattle do well, the students were awarded the Best Exhibit Award for their display. Quite a day!



(Left to Right): Tyler Chupp, Ashley Williamson, Zach Hollingsworth, Jason White, Kaitlyn Lacey, David Jones, Jessica Miller, Kaylynn Million

Student Name	Hometown
Tyler Chupp	Inola, OK
Zach Hollingsworth	Claremore, OK
Kaitlyn Lacey	Hemet, CA
Jessica Miller	Ponca City, OK
Kaylynn Million	Tahlequah, OK
Jason White	Yale, OK
Ashley Williamson	Claremore, OK



(Left to Right): Tyler Chupp, Jason White, Jessica Miller, and Kaitlyn Lacey.



Tyler Chupp with Reserve Champion Holstein Cow.

Scholarships & Awards

2013 Holstein World Collegiate Contest

This year the OSU Dairy Science Club had the great pleasure of getting to advertise for the Oklahoma State University Department of Animal Science by participating in a photo contest held by Holstein World Magazine. Not only did it allow for all of the Dairy Science members to come together and advertise what a growing and involved club they are, but it allowed for the student organization to compete with other colleges to appear on the front cover of the Holstein World Magazine. This would have not been possible without Dr. Leon Spicer's generosity on sponsoring this ad in the magazine.

Holstein World Magazine has presented a directory of university dairy programs for the last 29 years. The directory is available for the benefit of prospective students and their families online at www.holsteinworld.com and www.dairybusiness.com. The full OSU Dairy Science advertisement can be viewed on the Holstein World website at <http://magazines.holsteinworld.com/hwdec13/files/32.html>

[Click here](#) to view all Holstein World Contest entries.



The OSU Dairy Science photo submitted in the Holstein World Collegiate Contest.

Scholarships & Awards

ANSI freshmen receive PLC scholarship

Oklahoma State University has selected 101 incoming freshmen to participate in the President's Leadership Council (PLC) for the 2013-2014 school year. PLC is a freshmen scholarship and academic leadership program that teaches students the importance of effective leadership, creativity, team work, and active service. The students will complete a year-long class that consists of leadership and ethics seminars, 40 hours of volunteer service, implementing a leadership conference for high school seniors, and completing a creative component project.

Animal Science PLC Recipients

(Name, major, parents, hometown)

Kent Barnes II - Animal Science, Kent and Diana Barnes, Hulbert, OK

Shanlyn Hefley - Agribusiness/Pre-Vet, Dan and Kim Hefley, Wellington, KS

Katlyn Lee - Animal Science/Pre-Vet, Harold and Paula Lee, Woodland, CA

Hannah Nelson - Animal Science, Joe Bob and Niconia Nelson, Chickasha, OK

Whitney Dawn Turek - Pre-Vet, Tim and Jill Turek, South Haven, KS

John Wald - Animal Science, Rod and Dana Wald, Hobart, OK

Jessica Webster - Animal Science/Agricultural Communications, Jon and Marsha Webster, Pleasantville, IA



(Left to Right): Shanlyn Hefley, Hannah Nelson, Katlyn Lee, Whitney Turek, Jessica Webster, Kent Barnes II, and John Wald.

Scholarships & Awards

ANSI freshmen receive Niblack Research Scholarship

Oklahoma State University has selected 15 undergraduate students to participate in the 2013-14 Niblack Research Scholars' program; Four of these students are from the Department of Animal Science. Christian Cook, Lindsay King, Julia Matera, and Jessica Neal will each receive an \$8,000 scholarship and be given the opportunity to conduct research in a university lab with a faculty sponsor and graduate student mentor.

The scholarship is funded by OSU alumnus, John Niblack, who attributes his own pursuit of research as a profession to the experience he received as an undergraduate at OSU and wants to give young people that same opportunity.

The Niblack Research Scholars will make presentations about their findings during OSU Research Week, February 17th - 21st, 2014.

The 2013-14 Animal Science Niblack Research Scholars are:

Christian Cook is an animal science major from Ft. Worth, Texas.

Lindsay King is an animal science major from Oakland, Nebraska.

Julia Matera is an animal science and biochemistry major from Columbia, Missouri.

Jessica Neal is an animal science and biotechnology major from Duncan, Oklahoma.

View videos about all the Niblack researchers and their research at <http://research.okstate.edu/nrs>.



2013-2014 Niblack Scholars being recognized at the OSU vs. KSU football game on October 5th, 2013.

Scholarships & Awards

ANSI freshmen receive Niblack Research Scholarship

Christian Cook



Project:

Pharmacokinetics of oral cyclosporine in horses

Mentor:

Dr. Lara Maxwell

Why Research:

"I decided that research may be something I want to pursue as a career."

"By doing (research) as an undergrad, I feel like I already know what I want to do in the future."

Career Goals:

"I think I want to go on to Graduate school, and even in depth going into Vet School and getting my degree, and then specialize in Equine Medical Research."

[View Video](#)

Lindsay King



Project:

Conformation traits for specific horses used in different aspects of the equine industry

Mentor:

Dr. Raluca Mateescu

Why Research:

"Doing research now is ... giving me the opportunities that I need to be ready to do it in the future, and hopefully to be better prepared for graduate school when I go for my Ph.D."

Career Goals:

"My career goals are to become a research scientist of livestock diseases and disorders and then genetics."

[View Video](#)

Julia Matera



Project:

Bovine Respiratory Disease and the factors that influence it

Mentor:

Dr. Craig Gifford

Why Research:

"Since research is usually associated with grad school, to be able to do it as an undergrad is such a great opportunity. I felt like this would be a great opportunity to develop lab techniques and lab skills that I could use in future careers."

Career Goals:

"My ultimate career goals include the medical profession."

[View Video](#)

Jessica Neal



Project:

Animal Genomics: Relationship between beef mitochondrial genes and meat color

Mentor:

Dr. Raluca Mateescu

Why Research:

"I think research really will help me, because this is very much like what I will do when I enter the workforce."

"I am really looking forward to having my own project to work with."

Career Goals:

"My future career goals involve going into the livestock industry as an animal genomist."

[View Video](#)

Poster Presentations

ANSI students awarded at OK-LSAMP Symposium

The OK-LSAMP 19th Annual Research Symposium was held at Oklahoma State University on Saturday, September 21, 2013. Overall, there were twenty-one oral presentations and fifty-eight poster Presentations. Three Animal Science students presented at the research symposium; Devon McLeod, Amanda Mathias, and Allison Potts.

Allison Potts is a research scholar in the Department of Animal Science and is mentored by Dr. Jennifer Hernandez Gifford. Allison was awarded 1st place on her poster presentation, "Expression of WNT Signaling Transcripts at Specific Stages of Follicle Development in Bovine Granulosa Cells." The poster was co-authored by A. D. Stapp, K. B. Parker, B. I. Gomez, C. A. Gifford, D. M. Hallford, and J. A. Hernandez Gifford. [View Poster](#)

Amanda Mathias is a research scholar in the Department of Animal Science being mentored by Dr. Stein and Dr. Calvo-Lorenzo. Amanda gave an oral presentation and was awarded 3rd place on her poster presentation, "Alleviation of Pain Associated with Disbudding with Ethyl Alcohol." The poster was co-authored by J. Gilliam, C. Chako, D. Stein, J. Taylor, M. Calvo Lorenzo. [View Poster](#)

Devon McLeod is a Senior in the Department of Animal Science majoring in Animal Biotechnology. Devon is involved in MANRRS and presented a poster on "Antler Ranch - White Tail Deer" at the symposium. The poster was co-authored by Beth and Dee Buckner. [View Poster](#)



Amanda Mathias was awarded 3rd place for her poster presentation.



Allie Potts was awarded 1st place for her poster presentation.

Poster Presentations

ANSI students present at BMBGSA Research Symposium

Animal Science Undergraduate Research Scholars presented original research at the 10th Annual Research Symposium, hosted by the Biochemistry and Molecular Biology Graduate Student Association (BMBGSA). The purpose of the symposium was to recognize and encourage outstanding research. Our department was impressively represented by 11 scholars at the poster presentations on September 19th and 20th.

Julia Matera, working with Craig Gifford, was awarded second place and \$150 for her undergraduate poster presentation. Congratulations to all Scholars and Mentors!

Presenter	Authors	Presentation Title
<i>Graduate Poster Presentations</i>		
Kimberly Branham	K. A. Branham, J. O. Ellison, B. I. Gómez, A. D. Stapp, C. A. Gifford, C. R. Krehbiel, B. C. Bernhard, C. L. Maxwell, D. M. Hallford, and J. A. Hernandez Gifford	Effect of anabolic implants on adrenal cortisol synthesis in beef cattle
<i>Oral Presentations</i>		
Justin Buchanan	J. Buchanan	Combining genotypes and partial correlations to optimize gene network analysis for fatty acid profile in beef cattle
<i>Undergraduate Presentations</i>		
Matilda Davis	M. R. Davis, B. H. Boehmer, and R. P. Wettemann	Thyroid Hormone Secretion and Function in Cattle
Juliet Ellison	J. Ellison	Influence of Rat Housing Density on Ovarian Signaling in Primary Rat Granulosa Cells
Nick Elroy	N. N. Elroy, R. Ramanathan, G. G. Mafi, D. L. VanOverbeke	Effects of myoglobin primary structure on non-enzymatic metmyoglobin reduction
Lindsay Heflin	L. Heflin	RTP4 Function
Lindsay King	L. King, Z. Deng, R. G. Mateescu	Effects of SCD gene on daily gain of pre-weaned beef cattle
Julia Matera <i>(Awarded)</i>	J. Matera, J. A. Hernandez Gifford, and C. A. Gifford	Cytotoxicity of Histones in Acute Respiratory Disease in Feedlot Cattle
Amanda Mathias	A. Mathias and M. Calvo-Lorenzo	Bovine Whole Blood Bactericidal Competence of E. coli Protocol Development: Undergraduate Research Experience
Jessica Neal	J. Neal	Effect of polymorphisms in the DGAT1 gene on milk fatty acid composition in beef cattle
Allison Potts	A. J. Potts, A. D. Stapp, B. I. Gómez, K. B. Parker, C. A. Gifford, D. M. Hallford, J. A. Hernandez Gifford	Expression of WNT signaling transcripts at specific stages of follicle development in bovine granulosa cells
Shelby Spring	S. Spring	Adjusting hay waste measurements for contamination

Undergraduate Activities

Poultry students provide chickens for OK Food Bank

Students enrolled in Poultry Science (ANSI 4023) , taught by Dr. Ali Beker, had a class project that helped families during the holiday season. The students raised broiler chickens, then harvested and transported them to D.A.R.P processing plant where they were processed and delivered to the OK Food Bank. Thanks to students in ANSI 4023 and the D.A.R.P processing plant, the Oklahoma Food Bank was able to provide 60 families with a whole chicken for the Thanksgiving holiday.



ANSI students taking care of broiler chickens.



Allen Freeland preparing to transport the broiler chickens.

OSU students assist with swine judging contest



Left to Right: Dr. Clint Rusk (Head of the OSU Animal Science Department), Austin Kindschi (Orlando, OK), Jake Bloomberg (Berwick, IL), Blake Boyd (Mays Lick, KY), Gary Agar (Santa Rosa, NM), Cody Johnson (Meeker, OK), Taylor Langford (Calhoun, GA), Ashley Judge (San Louis Obispo, CA), and Dr. Blake Bloomberg (Animal Science Assistant Professor/OSU Livestock Judging Team Coach).

The OSU Junior Livestock Judging Team traveled to Chickasha, OK on August 31, 2013 to help with the Southwest Regional Swine Show hosted by the National Junior Swine Registry.

The OSU students assisted with the swine show, served as a group leaders for the judging contest and encouraged swine exhibitors to consider OSU as the place to continue their education. Drs. Bloomberg and Rusk served on a team of official judges for the swine judging contest.

Thesis/Dissertation Topics

Fall 2013

Thesis

Megan Bible - “Influence of curcumin on growth performance and immune status of nursery pigs.” Megan was advised by Dr. Scott Carter. She received her Ph.D. in Animal Science with an emphasis on Swine Nutrition. Megan has accepted a research scientist position with APC, Inc. in Ankeny, Iowa.

KatieRose McCullough - “Effect of Bone-In vs. Boneless and Whole Muscle vs. Individual Steak Aging on Eating Quality of High Quality Middle Meats.” KatieRose was advised by Dr. Gretchen Mafi. She received her M.S. in Meat Science. In January, KatieRose will be starting her Ph.D. in Meat Science at Colorado State University in Ft. Collins, Colorado.

Charlotte O’Neill - “Utilization of near infrared reflectance spectroscopy for the evaluation of barley entering feedlots in western Canada.” She was advised by Dr. Clinton Krehbiel. Charlotte received her M.S. in Animal Science with a focus on Nutrition. Charlotte will start working for JBS in Greeley, CO as an Ascend Leadership Trainee in January 2014.

Dillon Sparks - “The effect of feeding technologies on hay utilization by beef cattle.” Dillon was advised by Dr. David Lalman and Dr. Gerald Horn. He received his M.S. in Nutrition. Dillon will be returning to Hennepin, OK to become the 4th generation to operate the Sparks Ranch.

Creative Component

Trent Hughes - “The need for a more extensive understanding of animal behavior and husbandry techniques in the ever-changing demographics of today’s collegiate agricultural students.” Trent was advised by Dr. Daniel Stein. He received his MAG and plans to teach high school agricultural education.

Publications & Scholarships

Justin Lyles publishes article in microbiology journal

Discriminatory simplex and multiplex PCR for four species of the genus *Sclerotinia*

Justin Lyles is an Animal Science masters student at Oklahoma State University and is advised by Dr. Michelle Calvo-Lorenzo. Justin recently co-authored an article that was published in the Journal of Microbiological Methods, titled “Discriminatory simplex and multiplex PCR for four species of the genus *Sclerotinia*.”

The project’s goal was to develop sensitive PCR primers compatible with multiplex PCR for the detection of the four most common species of the genus *Sclerotinia* for accurate and fast diagnostics. The developed primers and PCR protocols have several potential downstream applications in disease monitoring, infected seed detection, and disease resistance quantification in breeding programs via adaptation to quantitative PCR. The publication is available online at <http://www.sciencedirect.com/science/article/pii/S0167701212004174>.



Justin Lyles

Corey Carpenter receives National Pork Board Scholarship



Corey Carpenter

Department of Animal Science graduate student Corey Carpenter received a scholarship from the National Pork Board for the 2013-2014 school year. Out of the 22 students from 13 states and 14 universities were recipients of the Pork Board Scholarship. Out of the 22 students, Corey was chosen as the top candidate and received a \$5,000 scholarship.

Students are selected based on scholastic merit, leadership activities, involvement in the pork industry and future plans for a career in pork production. Pork Checkoff believes that helping to develop future generations of pork professionals is important for the future of the pork industry

Corey started working toward his Master of Science degree in swine nutrition at Oklahoma State University in summer of 2013. He is working with Dr. Scott Carter. Corey is originally from Red Bluff, California and received his bachelor’s degree from California State University—Chico.

Graduate Activities

Graduate students organize 20th Annual Totusek Lectureship

The Department of Animal Science and the Animal Science Graduate Student Association presented the 20th Annual Totusek Lectureship on November 7th, 2013. The seminar topic was “Beef Production in 2050: Doing the Same Thing in a Whole New Way.” A prime rib dinner was prepared for 73 people at 5:30 p.m. and was followed by the seminar at 6:30 p.m., which was held in the Food and Agricultural Products Center (FAPC) at OSU.

The keynote speaker was Mr. Donnell Brown. Dr. Brown works as the Seedstock Manager at R.A. Brown Ranch and is directly responsible for marketing, advertising and genetic management of the five breeds of cattle represented on the ranch. Mr. Brown is a 5th generation rancher. R.A. Brown Ranch utilizes over 74,000 acres in Texas and Colorado while maintaining records on 1,000 registered cows, 1,400 commercial cows and 35 quarter horse broodmares. The ranch is on the Cattle Fax Listing of the 25 largest seedstock producers through recent years and was named NCBA Cattle Business of the Century in 1999.

The Annual Totusek Lectureship is held in honor of Dr. Robert Totusek for his many contributions to Animal Science and the livestock industry throughout Oklahoma and other parts of the world. Dr. Totusek was a member of the Department of Animal Science for over 38 years, including 14 years as Head of the Animal Science Department at OSU. Dr. Totusek was an outstanding teacher and researcher. He was a friend and advisor to all and is known for his contributions in animal evaluation, beef cattle nutrition, and livestock production.



Andrea English and Blake Wilson helping prepare the meal.



(Left to Right): Kimberly Branham, Emily Andreini and Alyssa Rippe.



*Back Row (left to right): Casey Maxwell, Catherine Haviland, Justin Lyles, Blake Wilson, Lindsay Hess, Phillip Gunter, Morgan Totty, Cody Hixon, Alyssa Rippe, Brit Boehmer, Kathryn Moyer, Kimberly Branham, Andrea English, Bryan Bernhard, and Corey Carpenter.
Front Row (left to right): Justin Buchanan, Charlotte O'Neill, Emily Andreini, Samantha Lowman, Dr. Robert Totusek, Nell Totusek, Kasey Lettunich, Cheyenne Robinson, Bailey Harsh, Luis Schutz, and Donnell Brown.*

Graduate Activities

ASGSA hosts 6th annual “Smokarama” cook-out

The Animal Science Graduate Student Association (ASGSA) hosted an event called Smokarama at the Animal Science Arena on September 26th. Smokarama gives faculty, staff, and graduate students the chance to gather with their families. This casual cookout included sand volleyball, dodge ball, horseshoes, and other fun activities. This was the 6th annual Smokarama event held for the Department of Animal Science.



Staff Activities

ANSI staff attends United Way Wellness Walk

Animal Science staff members participated in the United Way Seretean Memorial Wellness Walk on October 4th, along with OSU Head Baseball Coach, Josh Holliday, President Hargis, First Cowgirl Ann Hargis, and Pistol Pete. Participants met at the library lawn at noon to walk one-mile in support of United Way. 100% of the donations went directly to the United Way of Stillwater. The Seretean Memorial Wellness Walk is held in honor of the late Bud Seretean, a champion of health and wellness. The walk was sponsored by the OSU Seretean Wellness Center and the Bud Seretean Foundation.



Left to Right: Kathy Ratzlaff, Michelle Stewart, Pistol Pete, and Rebekah Alford



Left to Right: Josh Holliday (with son), Ann Hargis, and President Hargis

Awards and Recognition

ANSI professor receives research award

Oklahoma State University has selected seven outstanding faculty members as this year's Regents Distinguished Research Award winners. These faculty members maintain records of past and continuing excellence in research and are recognized nationally and internationally for achievements in their respective fields of study. Winners will be honored at the Fall Convocation later this year.

Dr. Leon Spicer was one of the seven selected for the Regents Distinguished Research Award; he is a professor of animal science in the Division of Agricultural Sciences and Natural Resources.

Dr. Spicer's major research areas are growth factor control of ovarian follicle development, hormonal control of granulosa and theca cell function, and nutritional regulation of reproduction in cattle. His research efforts have been supported by extramural grants from USDA, NIH and private industry totaling more than \$1.4 million and intramural grants totaling \$410,000. He has published 152 peer-reviewed journal articles, 208 abstracts and 74 other publications. During his 26-year career in the animal science department at OSU, he has also mentored dozens of graduate students. He maintains active collaborations with several international colleagues and serves as an associate editor of the Journal of Animal Science.



The 2013-14 Regent's Distinguished Research Award winners. Left to Right : Dr. Dianne McFarlane, Dr. Z. Randall Stroope, Dr. Amanda Sheffield Morris, Dr. James K. Good, Dr. Loren Smith and Dr. Leon Spicer.

Dr. Krehbiel presents in Washington D.C. at ASAS event

Dr. Clint Krehbiel, Assistant Department Head in the Department of Animal Science at Oklahoma State University, presented in Washington D.C. on October 28, 2013 on behalf of Animal Agriculture. Dr. Krehbiel spoke on "New Technologies vs. Global Food Security—A Dilemma of Global Proportions."

The event, "The Contribution of Animal Production to Global Food Security," was presented by the American Society of Animal Science (ASAS). The purpose of the event was to discuss the role of new technologies in global food security and how they can be used to improve animal production efficiency and minimize negative impacts. New technologies can help solve undernourishment issues and allow for more affordable pricing of food, as well as continue to enhance livestock production output and efficiency while decreasing resource use and output waste.



Publications

Metabolic status, gonadotropin secretion, and ovarian function during acute nutrient restriction of beef heifers

Dr. Leon Spicer and Dr. Robert Wettemann co-authored an article published in the September issue of the Journal of Animal Science. During their research, it was found that restricting beef heifers to 0.4 X maintenance energy requirements reduced the availability of metabolic fuel and decreased metabolic hormones, resulting in changes within the reproductive neuroendocrine-ovarian axis that compromised the ability of the dominant follicle to secrete sufficient concentrations of estrogen to stimulate an ovulatory surge of LH. The publication, “Metabolic status, gonadotropin secretion, and ovarian function during acute nutrient restriction of beef heifers,” is available online at <http://www.journalofanimalscience.org/content/91/9/4146.full.pdf+html>.

Effect of rate of body weight gain in steers during the stocker phase. I. Growth, partitioning of fat among depots, and carcass characteristics of growing-finishing beef cattle

Dr. Gretchen Mafi, Dr. Clint Krehbiel, and Dr. Gerald Horn co-authored an article published in the September issue of the Journal of Animal Science. During their research, they conducted two experiments to study the effect of growth rate to similar age or body weight on fat deposition in stocker cattle grazing dormant native range or winter wheat pasture. Data collected suggests that changes in the partitioning of fat among depots during the stocker phase may not be reflected after finishing when steers are fed to a common 12th-rib fat thickness. The publication, “Effect of rate of body weight gain in steers during the stocker phase. I. Growth, partitioning of fat among depots, and carcass character,” is available online at <http://www.journalofanimalscience.org/content/91/9/4322.full.pdf+html>.

Growth promoting technologies reduce greenhouse gas, alcohol, and ammonia emissions from feedlot cattle

Dr. Michelle Calvo-Lorenzo and Dr. Sara Place co-authored an article published in the Journal of Animal Science. The article discusses how increased animal productivity has the potential to reduce the environmental impact per unit of consumable product and is believed to be the most promising and sustainable mitigation technique to meet increasing demand for high quality protein. The study provides a better understanding of how application of growth promoting technologies in feedlot steers affects GHG, VOC, and NH₃ emissions per kilogram of product.

The article, “Growth promoting technologies reduce greenhouse gas, alcohol, and ammonia emissions from feedlot cattle,” was printed in the November 2013 edition of the Journal of Animal Science and is available online at <http://www.journalofanimalscience.org/content/91/11/5438.full.pdf+html>.

Retirement

Dr. David Freeman to retire after 30 years of excellence

Dr. David Freeman is to retire January 2nd, 2014. He has provided 30 years of excellence in outreach activities, including being a State Cooperative Extension Equine Specialist, Departmental Extension Coordinator, and a professor of Equine Production and Management. He is in charge of outreach for horse management and use. His program initiatives are Equine management schools, Equine use clinics, Youth equine workshops and contests, Service to State and National Equine Organizations, and Web-based educational curriculums.



Dr. Freeman began his career teaching and researching at Texas A&M University. He was hired as an Assistant Professor at Oklahoma State University in 1983 and became a Professor in 1993. He is a member of the American Registry of Professional Animal Scientists, the American Society of Animal Science, and the Equine Science Society. Dr. Freeman has published 66 OSU Extension Prints, 4 computer programs, 20 cds/videos/teleconferences, 2 web sites/web-materials, 12 national/regional handbooks, 4 book chapters, 23 journal articles, and 73 proceedings/abstracts.

Honors, Awards and Appointments

- ◇ National Academy of Science Committee for Revision of Nutrient Requirements of Horses, 2004-2007
- ◇ Journal of Equine Veterinary Science, review board member, 1997-present
- ◇ Professional Animal Scientist Journal, Associate Editor, 1997-2007
- ◇ American Quarter Horse Association, Recognition of Service Award, 2005
- ◇ Outstanding Service Award, Color Horse Breed Council, 1998
- ◇ Outstanding Educator Award, Equine Nutrition and Physiology Society, 1997
- ◇ Chartered Diplomat, American College of Animal Nutrition, American Registry of Professional Animal Scientists, 1995
- ◇ American Society of Animal Science, Southern Section, Outstanding Extension Specialist Award, 1994
- ◇ Don M. Tyler Award, Department of Animal Science, OSU, 1994
- ◇ Professional Service Award, National Judging Team Coaches' Assoc., 1993
- ◇ State Cooperative Extension Achievement Team Award, 1988



**Thank you David for your years
of hard work and dedication!**

Upcoming Events

2013

December 13th

Graduate Commencement

December 14th

Undergraduate Commencement

2014

March 12th – 21st

Oklahoma Youth Expo – OKC

April 6th

Cowboy Classic Sale
Purebred Beef Center

April 4th

Reunion Gala at 5:45p.m.
Conoco - Philips Alumni Center

June 24th - 29th

OSU Livestock Judging Camp

April 5th

Old Timers Judging Contest ANSI Arena
Luncheon - ANSI Building
ANSI Banquet - Wes Watkins Center

July 15th - 17th

Big Three Field Days

OTHER CALENDARS



AgYouth



(Click Pictures to View Calendars)

Do you have information for our next newsletter? Please e-mail us at cowpokenews@okstate.edu.

Missing You Alumni Campaign

Loyal and True, But Missing You

A multi-channel data acquisition marketing campaign

Together, the OSU Foundation and OSU Alumni Association are partnering to execute an integrated, multi-channel marketing campaign to collect and update demographic data from OSU alumni, donors and friends.

We all benefit from having the most current contact information for our alumni and supporters—so we're asking for your help by participating in this campaign. All you have to do is share campaign information with your alumni and provide updated information by completing a special web form, hosted at: www.facebook.com/OSUFoundation.*

The Campaign

The OSU Foundation and OSU Alumni Association will be contacting individuals with outdated or incorrect data via direct mail, email and/or phone and directing them to Facebook to complete the update form. We'll also be promoting the campaign heavily through social media channels.

How You Can Participate

Please forward emails from the Alumni Association about this campaign to alumni and friends, and share the Foundation and Alumni Association's social media messages to increase participation with your fellow alumni.

**Form can also be found at www.orangeconnection.org/missingyou



ANSI Alumni

Hello Animal Science Alumni,

The 2014 Animal Science Alumni Association Gala Reunion and Scholarship Auction date has been set for **Friday, April 4, 2014**. This event will be held at the ConocoPhillips OSU Alumni Center.

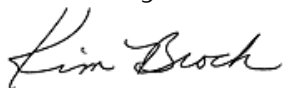
All past and present Livestock Unit Herd Managers and Student Employees will be honored at this event including livestock units, meat labs, N.P. Barn, etc. Please save the date and make plans to attend as we hope this will be our best Gala yet!

We have provided you with a brief questionnaire that will assist us in planning for the event. Please **download** the questionnaire, fill it out, and return it to us via email or mail. We would like to reach as many people as we can.

Please plan to attend the Gala Reunion to celebrate the tradition and support the future of OSU Animal Science.

To stay informed with the Animal Science Alumni Association, check out our new **web page** and like our **Facebook page**!

Sincerely,



Kim Brock | 405.880.4255 | kim.brock@okstate.edu

ASAA Executive Secretary

ANSI Alumni

2013 Alumni Association Officers

President

Rob Richard

Past President

Tyler Norvell

Vice-President

Tom White

Executive Secretary

Kim Brock

Recording Secretary

Wravenna Bloomberg

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Merl Miller

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Fred Slater

Northeast District

Jeff Mafi

Megan Bryant

At Large

Brent Wellings

John Jeffrey

Ex Officio

Clint Rusk

Presidential Appointees**(At Large)**

Robert Totusek

Steve Armbruster

Brad Morgan



Department of
Animal Science

JOIN NOW!

[Click here to apply for an ASAA Membership!](#)



Alumni Association

Do you have information for our next newsletter? Please e-mail us at cowpoke@okstate.edu.

News Team

Quotes

“Don’t let the fear of losing be greater than the excitement of winning. “



- Robert Kiyosaki

Featured Photo



OSU Old Central Building still under construction, 1890's.

News Team

Contributors

Katy Allen
Bryan Bernhard
L.J. Bernhard
Kim Brock
Belinda Castanon
Steven Cooper
Cynthia Dobbs
Bailey Harsh

Jennifer Hernandez
Gifford
Todd Johnson
David Jones
Raluca Mateescu
Chris Richards
Clint Krehbiel
Bob Kropp
Kasey Lettunich
Gretchen Mafi

Morgan McKay
Cheyenne Nixon
R. Ramanathan
Clint Rusk
Jason White
Fara Williams
Glenn Zhang

Editor

Rebekah Alford

Thank you for your contribution to the fall 2013 edition of Cowpoke News!

The Bulletin Board

Click Fliers For More Information

Welcome to OSU Animal Science



— Send this — Print this —



Merry Christmas

Do you have information for our newsletter?

[Click Here](#)



COWPOKE NEWS
The Department of Animal Science, Oklahoma State University

News from the Department Head

[Click Here to Read More Cowpoke Newsletters](#)



Oklahoma State University
Beef Extension



INTERNSHIP

Contact L.J. Bernhard about internship opportunities



ANSI NEWS

[Read More ANSI News Here](#)

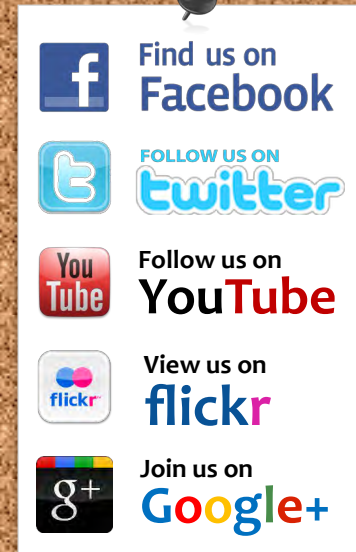


Oklahoma State University
Department of Animal Science Alumni

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Animal Science
UNDERGRADUATE
RESEARCH
SCHOLARS



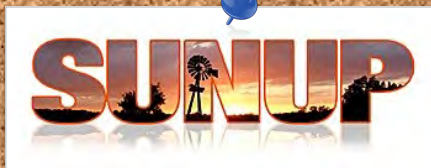
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Join us on Google+



[Join the Club!](#)
ANSI Student Organizations

Do you have information for our bulletin board? Please e-mail us at cowpokenews@okstate.edu.

Links

Homecoming (Pg. 3)

Sign Competition Entries <http://www.flickr.com/photos/okstatealumni/sets/72157636520014455/show/with/10257235915/>

Seniors of Significance (Pg. 6)

List of Seniors of Significance <http://orangeconnection.org/s/860/index-blue-social.aspx?sid=860&gid=1&pgid=252&cid=13296&ecid=13296&crid=0&calpgid=61&calcid=6429>

ANSI Top Freshman(Pg. 9)

List of Top 20 Freshman <https://news.okstate.edu/press-releases/2336-mortar-board-names-top-40-freshmen-men-and-women>

Freshman Research Scholarship (Pg. 12)

List of 2013 -14 Freshman Research Scholars <https://news.okstate.edu/press-releases/2316-osu-welcomes-58-to-the-freshman-research-scholars-program>

Niblack Research Scholarship (Pg. 16)

View Niblack Videos <http://research.okstate.edu/nrs>

OK-LSAMP Symposium (Pg. 18)

Allison Potts Poster http://ansi.okstate.edu/newsletter/news-contents/SACNASPoster_Allie%20Potts.pdf/at_download/file

Amanda Mathias Poster http://ansi.okstate.edu/newsletter/news-contents/amanda%20mathias%20ncur%20poster.pdf/at_download/file

Devon McLeod Poster http://ansi.okstate.edu/newsletter/news-contents/Antler%20Ranch%20%20White%20Tail%20Deer.pdf/at_download/file

Graduate Publications & Scholarships (Pg. 22)

Justin Lyles Publication <http://www.sciencedirect.com/science/article/pii/S0167701212004174>

Faculty Publications (Pg. 27)

Dr. Spicer and Dr. Wettemann <http://www.journalofanimalscience.org/content/91/9/4146.full.pdf+html>

Dr. Mafi, Dr. Krehbiel, and Dr. Horn <http://www.journalofanimalscience.org/content/91/9/4322.full.pdf+html>

Dr. Michelle Calvo-Lorenzo and Dr. Sara Place <http://www.journalofanimalscience.org/content/91/11/5438.full.pdf+html>

Events (Pg. 29)

FFA <http://www.okffa.org/Calendar/CalendarofEvents.pdf>

AgYouth <http://agyouth.com/calendar.pdf>

4H <http://oklahoma4h.okstate.edu/calendar/>

Alumni Association (Pg. 30)

Become a member of the Animal Science Alumni Association at <http://www.osuanscialumni.com/membership.html>

Other

OSU Dept. of ANSI Website <http://ansi.okstate.edu/>

ANSI Flickr Page <http://www.flickr.com/photos/101509777@N04/>

OSU Beef Extension <http://www.beefextension.com/>

SUNUP <http://sunup.okstate.edu/>

ANSI Facebook Page <https://m.facebook.com/OSUansi>

ANSI Newsletters <http://ansi.okstate.edu/newsletter>

ANSI Twitter Page https://twitter.com/OkState_ANSI

SUNUP <http://sunup.okstate.edu/>

ANSI YouTube Page <http://www.youtube.com/channel/UCxKz2wAX1Xysf8R7fam8QxQ>

Eat Beef License Plates Order Form http://ocw.weebly.com/uploads/2/3/0/7/2307232/eat_beef_product_order_form.pdf



Thank You



Thank you for taking the time to read our ANSI newsletter, Cowpoke News! I hope you have enjoyed reading about the Animal Science Department. All Cowpoke Newsletters are available on our website at <http://www.ansi.okstate.edu/newsletter>.

If you would like to be added to our e-mail list or have any suggestions for our newsletter, please contact our news team at cowpokeneews@okstate.edu. If you would like to be mailed a copy of Cowpoke News, please e-mail us or mail your request to Rebekah Alford at:

114 Animal Science Building
Oklahoma State University
Stillwater, OK 74078

