

May 2014

Spring Edition

COWPOKE NEWS

The Department of Animal Science, Oklahoma State University



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- Blast From the Past - A Look at Feeder's Day
- Animal Science Banquet Weekend
- Purebred/Teaching Center Endowments



Animal Science COWPOKE NEWS

Cowpoke News is published each semester by the Department of Animal Science within the College of Agriculture Sciences and Natural Resources at Oklahoma State University. We strive to keep students, alumni, and friends of the department informed about activities and success in our department.

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Cowpoke News is distributed through e-mail and mail and is available 24/7 on the Department of Animal Science website at <http://ansi.okstate.edu/newsletter/cowpoke-news>.

To subscribe, e-mail us at cowpokeneews@okstate.edu or mail in your request to Rebekah Alford. Please give us your full name and either your e-mail or mailing address.

News from the Department Head



Dear Alumni and Friends:

We hope you enjoy this third issue of the "Cowpoke News". We are committed to keeping you informed about the OSU Department of Animal Science. 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 the 2014 Alumni Gala, the Animal Science scholarship banquet and the Cowboy Classic. You will also learn about our outstanding students who have represented the Department of Animal Science well this Spring in various judging and research competitions.

This issue of the Cowpoke News features the story of Dr. Bob Kropp who will retire later this summer after 42 years of service at Oklahoma State University. You will read about our Animal Science Scholarship Banquet, the development of Purebred Teaching Herd Endowments and the most generous Alumni Association in the world! We have also included a "Blast from the Past" for those of you who enjoy a walk down memory lane.

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 cowpokeneews@okstate.edu.

Sincerely,

Clint Rusk

Newsletter Content



On The Cover

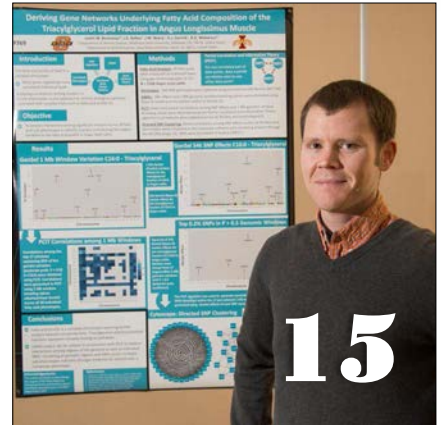
Class Act, an Angus bull from the OSU Purebred Beef Center, is on the cover of this edition of Cowpoke News. Class Act was named “Reserve Division Champion” at the National Western Stock Show in January. The picture was taken by Brian J. Eick, who is an OSU alumnus and member of the 2003 Livestock team. Read more about the department’s success in Denver on pages 20-22.

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Blast From the Past

A Look at Feeder's Day

In the spring of 1926, Oklahoma State University (known then as Oklahoma A&M) held its first annual Livestock Feeders' Day. On Feeder's Day, various feeding methods and results of feeding experiments conducted by the Department of Animal Husbandry were presented and discussed with the ranchers and farmers that traveled from all over the country to attend the event. Feeder's day attendance grew steadily from hundreds of participants to thousands.

Starting in 1958, The Department of Animal Science began to publish their findings in what was called the "Feeder's Day Report," which were sent to various libraries all over the country. Between 1968 and 1972 the reports were known as "Animal Progress Reports."

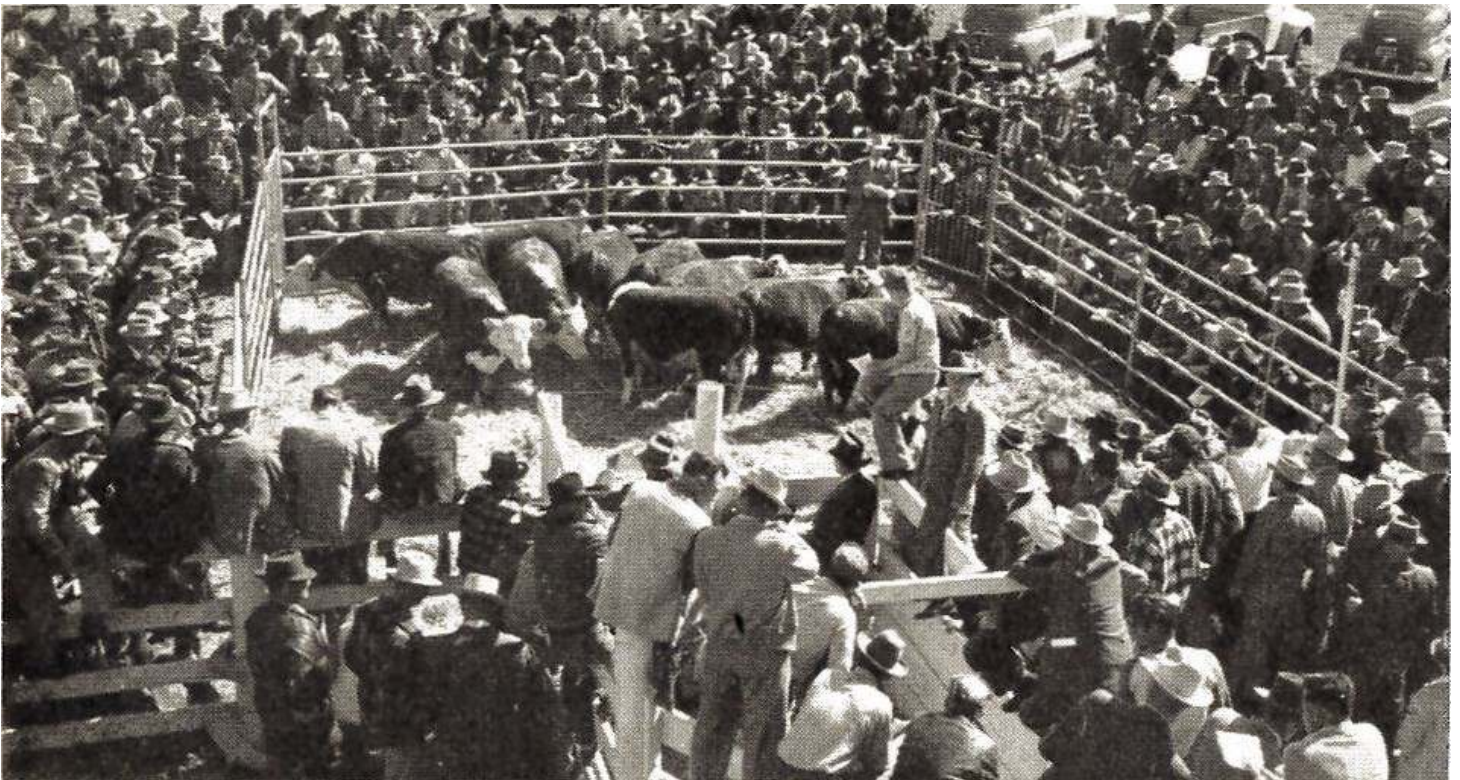
Though OSU no longer holds Feeder's Day, the department still publishes their research findings for the public to view. The most recent reports, now called "Research Reports," can be found online on our website at www.ansi.okstate.edu/research/research-reports-1.

Feeder's Day 1949

In 1949, The Hereford Journal wrote an article entitled "Oklahoma Stockmen Discuss Beef and Grass at Feeder's Day." It is amazing to see the crowd of thousands that attended the 23rd annual Livestock Feeders Day.

The Feeder's day celebration was held on the A&M campus in what was known as the animal husbandry arena. The head of the department, Dr. A. Darlow, served as chairman for the event. The all day program started at 9:30a.m. with a discussion lead by W.I. Blizzard titled "Livestock Serves Oklahoma." L. Hawkins, vice-director of the Oklahoma agricultural experiment station, gave a speech titled "Research Leads the Way."

The program was directed toward solving problems and presenting new ideas in the feeding and management of livestock to men throughout the United States that worked with livestock or farmed. The event ended with a trip to the experimental beef barn to observe the steers that had been full fed different rations to determine substitutes for corn and cottonseed meal.



Oklahoma Stockmen Discuss Beef And Grass at Feeders' Day

Grass is as old as the hills—but the search for the best ways to use it goes on!

A crowd of about 3,500 heard about Oklahoma A. & M. College experiment station tests on that problem at the annual Livestock Feeders' Day program, held April 16 at Stillwater. Other tests reported were on protein supplements for cattle and swine rations, methods for wintering cattle, substitutes for corn and cottonseed meal for fattening beef calves, and mineral needs of cattle.

First awards in a "Hall of Fame" for Oklahoma A. & M. animal husbandry graduates were presented. Framed certificates were presented to Phil Lowery, Hereford cattle breeder and rancher at

even such methods as removal of salt from sea water so the water can be used for irrigation of deserts, are only two of the possibilities for meeting the need for more food.

"I am more optimistic than ever before," Doctor Bennett stated, "that if we follow the lead of science in agriculture, Oklahoma can move from the billion dollar annual agriculture income class, into the \$2,500,000,000 class."

Livestock farming fits Oklahoma because of what Oklahoma is, Dean Blizzard pointed out. As of 1945, eight out of every 10 acres in the state were in farms and ranches. Ninety percent of the farm and ranch acreage was in pasture, for which livestock is the most practical use, and in crops, a large proportion of which were feed grains for livestock. A mild climate, and the interest and ability of stockmen in using

"Performance records are essential," James Whatley reported. "The extra time and effort will be more than repaid through a better job of selection of breeding stock. We must breed for more efficient performance in the better herds and use selected sires, from those herds in the remaining herds. If we are to get the most benefit from a good ration or system of management we must use animals that have natural ability to use those rations and management efficiently."

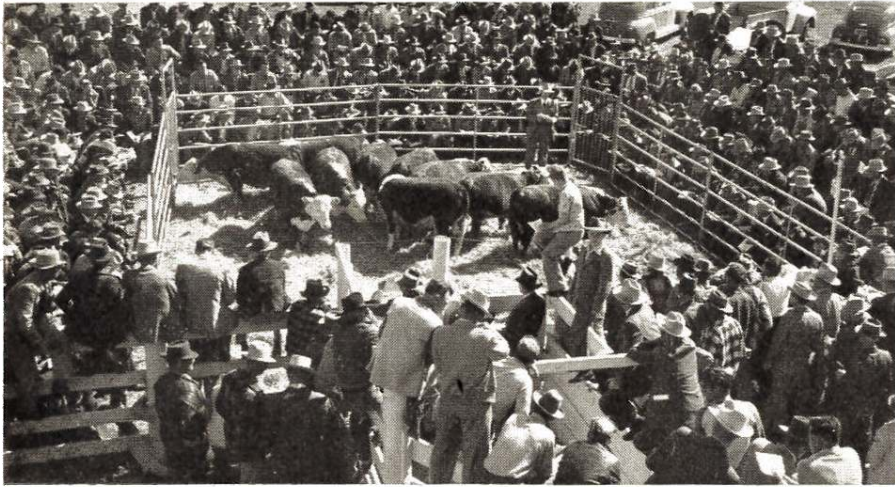
Today and Yesterday

It is amazing how some things stay the same! This article was written 65 years ago. The concerns of 1949 were very similar to the ones we have today, such as which feeding methods are best for our livestock.

Even then, it was apparent that research was an essential part of the agriculture community. Through research, we can find ways to continually improve our farming and ranching operations.

Knowing critical information like the right feed types and rations to feed cattle can help a livestock operation save money, produce a better herd, or even increase their annual income.

At the OSU Department of Animal Science, we know the importance of research in the agricultural community and it is one of the reasons why we will continue to put a strong emphasis on research.



Steers fattened in an Oklahoma A. & M. College test and reported on at the annual Oklahoma Livestock Feeders' Day brought the attention of large crowds attending the Stillwater event.

Loco; and Lawrence Correll, for 23 years superintendent of the Chilocco Indian School at Chilocco, Okla.

Dr. Henry G. Bennett, Oklahoma A. & M. president; Dean W. L. Blizzard; and Dr. Louis E. Hawkins, experiment station vice-director, were speakers, in addition to the animal husbandry men who reported on the research.

The dollars-and-cents return from research conducted at the main experiment stations and 14 special stations over Oklahoma were appraised by Doctor Hawkins at \$250 new wealth created for every \$1 invested in the research.

"It is reasonable to credit one-fourth of Oklahoma's \$800,000,000 1948 agricultural income to the results of research," he said. "That \$200,000,000 compares with \$800,000 expended on state agricultural experiment station research during 1948. On a per-farm basis, it means that research in Oklahoma during 1948 cost an average of \$5 per Oklahoma farm, but brought an average return of \$1,250 per farm."

Doctor Bennett reported on agricultural questions discussed in the recent conference at the Massachusetts Institute of Technology, Cambridge, main feature of that conference being the address by Winston Churchill, former prime minister of England. It was predicted, he said, that science can meet the need for increased food supplies for a growing world population. Development of tropic lands for agriculture, and

efficient production methods, are other advantages for livestock production.

A number of interesting results were reported. In one test 60 choice Hereford steer calves were used to determine summer gains of yearling steers wintered for different levels of gain. Conclusions were that gains of 1 to 1.5 pounds per head daily are most desirable if the cattleman winters calves and sells them the following spring. But if he expects to graze his yearling steers during the early summer he will find winter gains of .50 to .75 pound per head daily more satisfactory. When yearling steers are full-fed following early summer grazing, winter gains appear to have little influence on feedlot gains although the steers wintered at the higher level were slightly fatter.

Grass doesn't provide a balanced ration for beef cattle in some sections of Oklahoma. Research has shown that a crop can be no better than the soil upon which it is grown. Continual erosion and leaching have drained much of the life from the soils. This has led to lower yields per acre and production of plants that do not contain nutrients in sufficient amounts to provide a balanced ration for beef cattle and other livestock. The test showed that feeding of di-calcium phosphate to heifers, 26 pounds per head over at 21-month period, produced heifers that averaged 166 pounds heavier than those receiving no mineral supplement.

Annual Banquet Weekend

Scholarship Auction

The Scholarship Auction was held on April 5th, 2014 during the Reunion Gala. There was a total of 117 items auctioned off during the event (22 live auction and 95 silent auction), including unique items like a customized OSU porter fire pit and three window frames with pictures of the dairy, swine, and sheep barn inside. Eddie Sims was the auctioneer for the event. The money earned during this auction will be used to fund scholarship programs within the Department of Animal Science.

Thank you to all those who helped our scholarship program by providing auction items and bidding at the auction! We value your continued support.

More photos from the Annual Banquet Weekend are available online at the Animal Science Flickr account at <https://www.flickr.com/photos/101509777@N04/sets/72157644374260096/>.



ASAA Gala Reunion

About 450 people attended the Reunion Gala that was held on April 4th at the Conoco-Phillips Alumni Center. The gala is a reunion for all alumni, members of judging teams, and friends of the department. The event included great food, visiting with old and new friends, silent and live auctions, and recognition of people who have made a significant difference in the Department of Animal Science.

The department honored OSU Shepherds Bill Crutcher, and Alex McKenzie, along with former Department of Animal Science professor and sheep specialist Dr. Robert Noble. Each honoree was given a chairback at the Animal Science Arena. Money from the chairback campaign will fund the Sheep and Goat Center Endowment. Earnings from the endowment will support operating expenses for the Sheep and Goat Center. Dr. Bob Kropp presented the Noble family with a plaque for Dr. Noble's Chairback. Barn employees and managers (past and present) were also recognized at the event.

Rob Richard, Alumni Association president and secretary, presented the first ever Totusek Award to OSU alumni Ben and Alma Grant, who were successful entrepreneurs, outstanding citizens, and great supporters and friends of the Department of Animal Science.



The Totusek Award is named after former Animal Science Department Head Robert Totusek, who has remained an avid supporter of the department and active member of the Animal Science Alumni Association. The Totusek Award plaque is located outside our main office in the Animal Science building.



Dr. Bob Kropp from the Department of Animal Science presenting a plaque to the Noble family in honor of Dr. Robert Noble. The wording from his chairback is written on the plaque.

Honorees

Ben & Alma Grant



Ben and Alma Grant both graduated from Oklahoma State University in 1940. They have been successful entrepreneurs and outstanding citizens, as well as great supporters and friends of the Department of Animal Science. They have been extraordinarily generous and unparalleled benefactors of scholarship programs within the department. They have helped many students with their kindness and generosity.



The Dr. Robert Totusek plaque hangs in the Animal Science building. Bob and Alma Grant are the first people to receive the Totusek “Brand of Excellence” award.

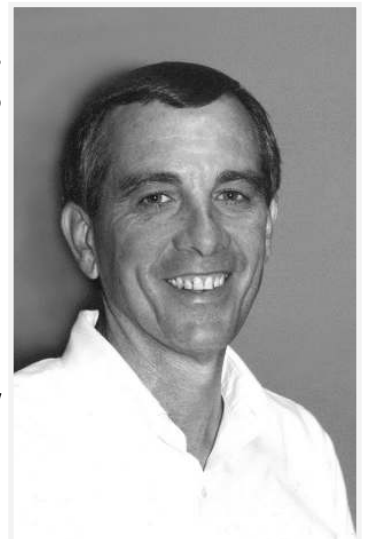
Alex McKenzie

Alex McKenzie was an elite sheep man of his time, serving as shepherd of the OSU sheep flock from 1928 to 1966. Often referred to as “a molder of sheep and a builder of men”, he was a highly respected sheep judge and his supervision established OSU as a nationally recognized sheep program.



Bill Crutcher

Bill Crutcher followed his mentor, Alex McKenzie, as OSU Shepherd from 1966 to 2007. During his career, he established a standard of excellence that was recognized nationally as a pinnacle of sheep production and evaluation. As a sheep breeder, show superintendent, judge and mentor to many students, he was a true professional.



Dr. Robert Noble



Dr. Robert L. Noble was an iconic teacher and sheep specialist at OSU from 1949 to 1986. A “grandfather” figure to many, he was recognized five times for his outstanding teaching ability. Under his guidance and with leadership from Alex McKenzie and Bill Crutcher, the OSU sheep program developed a national reputation of excellence.

Alex McKenzie, Bill Crutcher, and Dr. Robert Noble received chairbacks at the OSU Animal Science Arena. Dr. Bob Kropp from the Department of Animal Science presented the Noble family with a plaque, which contained the wording on Dr. Noble’s chairback.

Noble, McKenzie, & Crutcher Chairback Contributors

Aaron D. Geiman	David Chandler	Joe Crabtree
Al & Betty Rutledge	David L. Thomas	Joe Neal Hampton
Alice Dilling Cox	Don & Kay Wagner	Larry Mead
Asa Howard	Dr. Dottie Diveley	Larry Olson
Bart Cardwell	Dr. Merl E. Miller	Lawrence B. & Ann Burris
Bill Troub Farms	Dr. William & Jana Fulton	Owen & Connie Walker
Bob & Nell Totusek	Dr. William Noble	Patsi Nix Smith
Brad & Robin Harlow	Dusty Rich	Ray & Delores Kimsey
Butch Young	Gerald Horn	Robin Noble Hart
C Lowell & Nancy J Cooper	Heath D. Geiman	Sammy & Linda Coffman
Carroll Haygood	J. Glen Smith	Scott Sherrill
Charles Nichols	Jane A. Noble	Steve Armbruster
Charles Spencer	Jane Noble	Steve & Patty Armbruster
Darrel Overholt	Jim Boyd	Tom & Patricia White
David Buss	Jimmy Wise	William A. (Bill) Phillips
Chad Holtkamp	Jody Netherton Henneke	Matt Kennedy
	Rick Beard	Mark Johnson

Thank you for your generosity!

Proceeds from the Alex McKenzie, Bill Crutcher, and Dr. Robert Noble chairback will fund the Sheep and Goat Center Endowment. If you are interested in supporting an endowment, please visit <https://www.osugiving.com/ansi>. For more information about how you can be a part of this important legacy, please contact Kathy McNally at 405-385-5606 or e-mail her at kmcnally@OSUgiving.com.

Animal Science Banquet

The 44th Annual Animal Science Banquet was held on April 5th, 2014 at the Wes Watkins Center. The celebration serves as a chance to recognize the success and accomplishments of our students and alumni, to visit the campus, and to meet with friends and colleagues.

Awards are given during the banquet to undergraduate students, graduate students, faculty, and alumni for achievement, merit, service, and distinction. Among the awards given were over ninety scholarships presented to students. The Department of Animal Science has the largest scholarship offering at OSU. Five new scholarships were endowed by alumni this year: George and Jane Connor Memorial Scholarship, Neal Champion Davis Memorial Scholarship, Donald F. Dickey Memorial Scholarship, Kathy Rae Frahm Memorial Scholarship, and Clarence Wayman Endowed Scholarship.

More pictures from the banquet can be viewed online at <http://www.geneseephoto.com/newstore2/portfolio.Php?eventnum=613754&orgs=148,&PHPSESSID=>



Dr. Clint Krehbiel, Department of Animal Science Assistant Department Head.



Senior Awards

Outstanding Senior Award & CASNR Seniors of Distinction:

Corbit Bayliff
Morgan Neilson

Senior Leadership Award:

Corbit Bayliff
Morgan Neilson
Amanda Geisinger
Katy Krshka
Kass Pfeiffer
Chelsea Pryor
Karen Roberts
McKenzie Walta
Lauren Wells
Jason White

Award of Merit (Seniors):

Kass Pfeiffer
Lauren Wells
Jason White

Graduate Student Awards

Outstanding Graduate Student Award:

Andy Harding, M.S.
Casey Maxwell, Ph.D.



Faculty Awards

Tyler Award:

This award recognizes professional achievement in research, teaching or public service by faculty members of the OSU Animal Science Department.

Dr. Glenn Zhang

Departmental Awards

Awardees will have their picture hung on our "Awardee Wall" in the Department of Animal Science.

Graduates of Distinction:

This award recognizes graduates with a B.S. degree in Animal Science at OSU who have compiled outstanding records of achievement and service.

Mr. Jack LeForce
Dr. John Mabry
Dr. Robert Williams

Advanced Degree Graduates of Distinction:

This award recognizes recipients of M.S. and Ph.D. degrees in the Animal Science Department who have attained singular professional excellence in the field of Animal Agriculture.

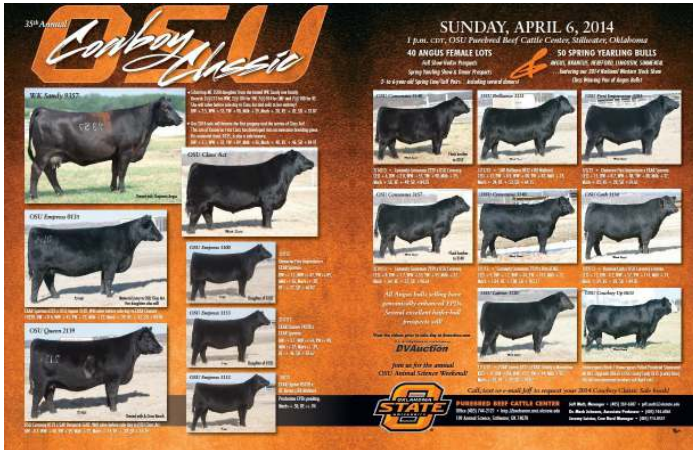
Dr. Mike Looper
Dr. Pablo Jorge Zerbino

Distinguished Service:

This award recognizes individuals who have achieved excellence in terms of accomplishment and service in some field of animal agriculture.

Mr. Randy Byford
Mr. Walt Garrison

Cowboy Classic Sale



The 35th Annual Cowboy Classic was held on April 6th, 2014 at the OSU Purebred Beef Cattle Center. The sale included 31 female lots with fall show heifer prospects, spring yearling show and donor prospects, and 2 to 6 year old spring cow/calf pairs which included several donors, and 46 spring yearling bulls (Angus, Brangus, Hereford, Limousin, Simmental) that featured our 2014 National Western Stock Show Class Winning Pen of Angus Bulls (*shown on page 44*).

This sale featured many of the most elite cow families in the Angus breed and a set of females that could serve as the foundation of any herd. The bulls offered reliable genetics and were sound, powerful, and problem free. All Angus bulls were Zoetis 50K tested and had guaranteed breeding soundness.

Established in the 1920's, the OSU Animal Science purebred cow herd has earned nationwide acceptance as a source of genetically superior seedstock while serving primarily as a teaching tool for students at OSU, as well as for 4-H and FFA youth throughout Oklahoma and the nation.

The OSU Purebred Beef Herd consists of over 300 brood cows representing 5 breeds. The objective of the breeding program is to produce structurally sound, functional cattle with the genetic merit to meet the needs of all segments of the beef industry and be in demand by other breeders. It is our privilege to contribute to the outstanding quality of students and alumni from OSU's Department of Animal Science while continuing to develop one of America's most respected cow herds. Thank you for your support.

If you would like more information about our Purebred Beef Center or to request a catalog for 2015, please visit us online at www.beefcenter.ansi.okstate.edu or contact Jeff Mafi, our Purebred Beef Center Manager, at (405) 269-6387 or jeff.mafi@okstate.edu.

Old Timers Judging Contest

The Old Timers Judging Contest, a reunion for alumni members of judging teams and friends, was held on April 5th at the Animal Science Arena. There were approximately 100 people who attended the event. Members of the 1960 and 1964 livestock and meats teams participated in the contest, along with other OSU alumni and current judging teams. Participants judged beef, swine, sheep, and dairy classes at the arena and then moved to FAPC to judge one meat class.

High Individual

Brian McEntire - Tuttle, OK: 2000 Livestock Judging Team

High Team:

Brian McEntire - Tuttle, OK: 2000 OSU Livestock Judging Team & 2001 Graduate

Cody McMurphy - Alva, OK: 2002 Graduate & Conners State Livestock Judging Team 1998-1999

Justin Dauer - Panhandle, TX: 1997 OSU Livestock Judging Team

The winners were presented a wooden trophy by Wayne Shearhart, former ASAA president and founder of the Old Timer's Judging Contest.



Left to Right: Justin Dauer, Cody McMurphy, Brian McEntire, and Wayne Shearhart.

Purebred & Teaching Center ENDOWMENTS

Our programs were built by legends of the livestock industry. Their tradition of excellence has been passed down and displayed to the world by maintaining outstanding purebred livestock at our teaching herds and exhibiting champion livestock on a national level. This, in turn, resulted in numerous National Champion judging teams. In the 50's, 60's, and 70's, it was common to see many universities competing against each other with purebred livestock. Today, Oklahoma State is in a class of its own.

An investment in permanent endowments within the Department of Animal Science will keep OSU's tradition and legacy of dominance alive and well. These permanent endowments will help ensure that our facilities and purebred herds will be maintained for future cowboys who will become the legends of tomorrow.

The following endowments exist to support programs and operations within the Department of Animal Science:

- Dairy Center Endowment Fund
- Equine Center Endowment Fund
- Purebred Beef Center Endowment Fund
- Sheep and Goat Center Endowment Fund
- Swine Center Endowment Fund



How to Donate

Would you like to give to one of our Endowments? You can donate by going to <https://www.osugiving.com/ansi>, or by using our website at www.ansi.okstate.edu. Look for this Branding Success icon on our front page!



The Branding Success link will take you to the Department of Animal Science donation page, which will allow you to choose from a list of endowments, scholarships, and funds that you can donate to. For donations over \$50,000 or less than \$10; please call 1-800-622-4678 to make a donation. We appreciate your support of our department.

Don't see the fund you would like to donate to? Use the search box to find other donation opportunities within the Department of Animal Science.

For more information about how you can be a part of this important legacy, please contact:

Kathy McNally

Senior Director of Development

Oklahoma State University Foundation

400 S. Monroe

Stillwater, OK

Phone: 405.385.5606 or 405.205.0068

E-mail: kmcnally@OSUgiving.com

Awards & Recognition

Amanda Curtis Wins

3 Minute Thesis Competition

The Department of Animal Science was well represented at the CASNR 3 Minute Thesis competition on April 1st by Amanda Curtis and Xuwen Sheng from Dr. Zhang's lab and Morgan Totty from Dr. Spicer's lab. Each graduate student did a magnificent job presenting their research in less than three minutes.

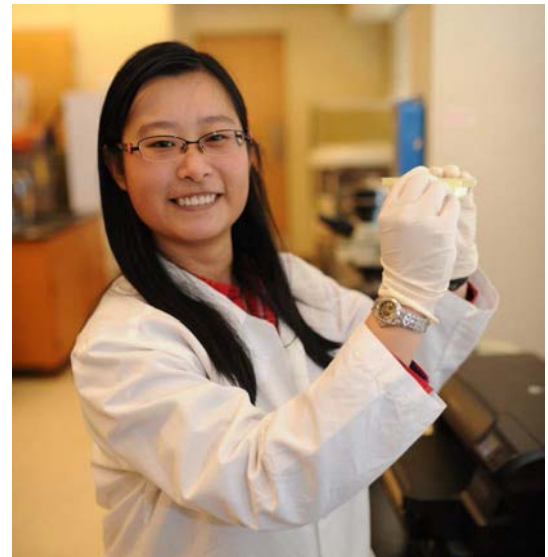
Amanda Curtis tied for 1st place in both the People's Choice award and on the official judges' score sheets. The title of her presentation was "Using Innate Immunity to Fight Off Infections Without the Use of Antibiotics." Morgan Totty placed 2nd overall with her presentation, entitled "FGF9 Effect on Cell Proliferation." Xuwen Sheng's presentation title was "Fatty Acids as Alternatives to Antibiotics."

Drs. Gifford and Hernandez Gifford served on the planning and organizing committee for the competition. Graduate students from our department helped with the event. Brit Boehmer served as the assistant for audio equipment, Belinda Castanon collected People's Choice ballots and Jessica Chase, Judy Deng and Luis Schutz served as ushers. The overall Event Coordinator was Dr. Steve Damron.

Amanda and Morgan went on to represent CASNR in the University Competition on April 10th at the Little Theater in the Student Union. Amanda Curtis won the university-wide competition and received a \$1,000 prize. Amanda will represent Oklahoma State University in the Southern Regional 3 Minute Thesis (3MT) competition. Congratulations to each of these very talented researchers!



Amanda Curtis



Xuwen Sheng



Morgan Totty

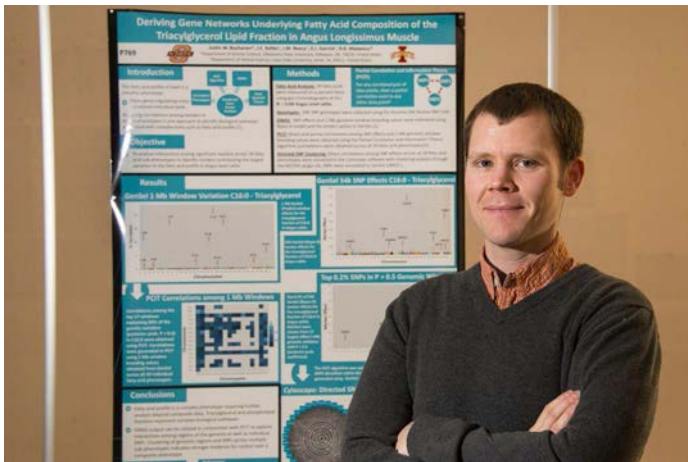
Justin Buchanan Receives Travel Award

Justin Buchanan was one of two graduate students chosen to receive the 2014 Neal A. Jorgenson Graduate Student PAG Travel Award this spring. The award was provided by the Bovine Genome coordinators and covered \$1,000 of his travel and registration expenses to the PAG (Plant and Animal Genome) meeting he attended in January, which was held in San Diego, California.

His advisor, Raluca Mateescu, said, "I am very proud of Justin because this is a highly competitive award and only two students are awarded each year."

Justin presented a poster at the 2014 Plant and Genome Meeting, entitled "Deriving gene networks underlying fatty acid composition of the triacylglycerol lipid fraction in Angus longissimus muscle."

Justin, who is native of Oklahoma, is working on his Ph.D. in Breeding and Genetics in the Department of Animal Science at Oklahoma State University.



*Justin Buchanan in front of his poster "Deriving gene networks underlying fatty acid composition of the triacylglycerol lipid fraction in Angus longissimus muscle."
Photo was provided by Todd Johnson from OSU Ag Communications.*

Bryan Bernhard Wins PNC Poster Competition



Animal Science graduate students Andy Harding (left) and Bryan Bernhard (right). Photo was taken by Todd Johnson.

Bryan Bernhard and Andy Harding, two graduate students from the Department of Animal Science, competed in a poster competition at the 2014 Plains Nutrition Council Spring Conference. Scientists and producers at this meeting represent nearly all of the cattle on feed in the U.S. and many other countries.

Brian Bernhard won the poster competition with his presentation, entitled "Effects of technology use in feedlot production systems on performance, behavior, and welfare of steers finishing during late summer," and Andy Harding was 1st runner up! This is a huge honor for our graduate students, as well as our department.

Morgan Neilson & Kelly Vierck Receive Scholastic Award

The 2014 Undergraduate Scholastic Achievement Award winners will be recognized during the American Meat Science Association's 67th Reciprocal Meat Conference on Monday, June 16th, in Madison, Wisconsin. Morgan Neilson and Kelly Vierck from our department are two of the eight students who will receive the Undergraduate Scholastic Achievement Award. Oklahoma State University is the only school to have more than one student selected for this prestigious award. These awards were sponsored by the ADM.

Amanda Mathias Chosen For Research Experience



Amanda Mathias

Amanda Mathias, OSU Animal Science senior, has been selected to participate in an international research experience for undergraduates (REU) through the National Science Foundation (NSF) at the Universidade Federal Rural de Pernambuco (UFRPE) in Recife, Brazil following her graduation in May.

Amanda will spend 9 weeks conducting research on reproduction in small ruminants, histopathology and toxic plants for ruminants, equine and exercise physiology with UFRPE faculty.

Upon her return, Amanda will begin work in the Ph.D program at Louisiana State University in the Department of Animal Science with Dr. Cathy Williams. Additionally, Amanda has been selected to receive the NSF Bridge to the Doctorate Fellowship which will fund her graduate training.

Amanda has been an active participant in the Animal Science Research Scholars Program working with both Dr. Stein and Dr. Calvo-Lorenzo. She has presented her research at numerous local and national conferences, including a recent presentation in February at the American Society of Animal Science Southern Section Meeting in Dallas, Texas.

It is great to see that Amanda's experience in research as an undergraduate student will provide a great foundation for her as she works towards her Ph.D. Congratulations Amanda!

Outstanding Seniors of 2014

Morgan Neilson was born on January 8, 1992 to Dr. Paul and Renae Neilson in Meeker, Colorado and grew up on a commercial sheep operation. She will graduate with a degree in Animal Science and Agricultural Communications and currently maintains a 3.940 GPA. Morgan plans to attend graduate school at OSU this coming fall and then pursue either a Ph.D. or attend law school.



Morgan Neilson

She has had two valuable internships: one with Cargill Feed & Nutrition as a part of the sales and marketing team and the other with the United States House of Representatives Committee on Agriculture under Chairman Frank Lucas in Washington, D.C.



Corbit Bayliff

Corbit Bayliff was born on October 3, 1991 to Brent and Wendy Bayliff in Alva, Oklahoma and lived on a cattle operation that his parents managed. He maintains a cumulative GPA of 3.652 and has made straight A's in Animal Science courses.

Corbit hopes to pursue a master's degree in Animal Science at OSU this fall and currently wishes to serve his country as a veterinarian in the Army. Eventually, he intends to own and operate a commercial beef cattle ranch in Oklahoma. Corbit thanks God for blessing him with great family and friends that love and support him and his endeavors.

2014 Research Week

The 11th Annual Research Week was held at Oklahoma State University February 17th—21st. The event celebrates the research and scholarly activity of students and faculty within the university. OSU Research Week is filled with symposiums, performances, presentations, and featured speakers. The event provides a great opportunity for both attendees and presenters to experience the importance of research and its effect on our daily lives.

As a part of Research Week, six graduate and three undergraduate students from the Department of Animal Science participated in the 25th Annual Research Symposium by showcasing their research projects through paper and poster presentations. **Jessica Neal** and **Julia Matera**, two Animal Science students from the Undergraduate Research Program, received awards for their presentations at OSU Research Week. Jessica and Julia are also participants in the Niblack Scholars Program.

Julia Matera won 2nd place and a prize of \$50 in the undergraduate poster competition. She is a Pre-Vet major who is mentored by Dr. Craig Gifford.

Jessica Neal won 2nd place and a prize of \$50 for her paper presentation. She is a Pre-Vet major who is mentored by Dr. Raluca Mateescu.

Our department had five graduate students participate in the Whiteman Competition during Research Week this year. **Sara Linneen** won 1st place in the competition! **Bryan Bernhard** won 2nd place and **Brit Boehmer** was 3rd.

Graduate students and undergraduate students were in separate categories. Winners were chosen based on rank, scores, and feedback from the judges. The awards were presented on April 9th at an awards ceremony in the Starlight Terrace (Student Union).

The nine participants from the Animal Science Department are listed on the next page, along with their presentation title, major/degree, and mentor. Please see page 18 for presentation titles.



Paper Presentations

Whiteman Award Competition

Jessica Neal (*second place*)

Degree: Animal Biotechnology Undergraduate

Mentor: Dr. Raluca Mateescu

Title: Effect of polymorphisms in the LDH gene on beef color stability.

Andrea English

Degree: M.S. - Food Science

Advisor: Dr. Ranjith Ramanathan

Title: Fluorescent properties of beef myoglobin during heat-induced *denaturation*.

As part of the 2014 Research Week at OSU, five graduate students from the Department of Animal Science participated in the Whiteman Award Competition on February 20th, 2014.

Bryan Bernhard (*second place*)

Degree: Ph.D. - Nutrition

Advisor: Dr. Clint Krehbiel

Title: Anabolic growth promotants equally improve cattle performance and production efficiency independent of *exposure* time.

Brit Boehmer (*third place*)

Degree: Ph.D - Physiology

Advisor: Dr. Robert Wettemann

Title: The relationship between maintenance energy requirements and plasma concentrations of thyroxine and *triiodothyronine* in gestating beef cows.

Poster Presentations

Christian Cook

Degree: Animal Science - Production Undergraduate

Mentor: Dr. Lara Maxwell

Title: *Pharmacokinetics* of Oral Cyclosporine in Horses

Julia Matera (*second place*)

Degree: Animal Science - Pre-vet Undergraduate

Mentor: Dr. Craig Gifford

Title: Cytotoxicity of Histones in Respiratory Disease in Cattle.

Justin Buchanan

Degree: Ph.D. - Breeding & Genetics

Advisor: Dr. Raluca Mateescu

Title: Using a partial correlation algorithm to derive gene networks underlying fatty acid composition in *Angus longissimus* muscle.

Sara Linneen (*first place*)

Degree: Ph.D. - Nutrition

Advisor: Dr. David Lalman

Title: Effects of including Rumensin[®] and Optimase[®] in a protein supplement on in-situ ruminal degradation of low quality *prairie* hay.

Morgan Totty

Degree: M.S. - Physiology

Advisor: Dr. Leon Spicer

Title: Effects of FGF9 on CCND1 and CDK4 gene expression in *bovine* theca cells.

Thesis and Dissertations

Jordan Denton

“Antimicrobial efficacy of essential oils and their primary constituents against *Escherichia coli* O157:H7 on organic leafy greens.” Jordan was advised by Dr. Divya Jaroni. He received his M.S. in Food Science. Jordan plans on pursuing a career in food science or food safety.

Andrew Harding

“The use of near infrared reflectance spectroscopy for the characterization of barley and wheat grain entering feedlots in western Canada.” Andrew was advised by Dr. Clint Krehbiel. He received his Ph.D. in Animal Science with an emphasis on Nutrition. Andrew plans on pursuing a career in nutrition after graduation.

Renee Kinsey

“Effects of modified atmosphere packaging on retail color stability in fresh beef.” Renee was advised by Dr. VanOverbeke. She received her M.S. in Animal Science with an emphasis on Nutrition. Renee plans on pursuing a career in research and development in the meat industry after graduation.

Sara Linneen

“Application of feed additive technologies to enhance health and performance of forage-fed cattle.” Sara was advised by Dr. Lalman. She received her Ph.D. in Animal Science with an emphasis on Nutrition. Sara plans on pursuing a career in the either academia or the nutrition industry after graduation.

Casey Maxwell

“Comparison of technologies in beef production systems.” Casey was advised by Dr. Clint Krehbiel. He received his Ph.D. in Animal Science with an emphasis on Nutrition. Casey has accepted a position as a Beef Technical Consultant for Elanco Animal Health in Canyon, Texas.

Kassie Jo Winn

“Production, carcass, and meat quality characteristics of commercial crossbred gilts and barrows fed two different diets.” Kassie was advised by Dr. Gretchen Mafi. She received her M.S. in Meat Science. Kassie plans on pursuing a career in the meat industry after graduation.

Competition

National Western Stock Show

Collegiate Livestock Judging Contest

The 2014 OSU Livestock Judging Team began competition in Denver, CO at the National Western Stock Show on January 16th and 17th.

Oklahoma State was the High Team in Swine, Sheep/Goats, Cattle, and Oral Reasons on their way to being named the Champion Team Overall by 90 points. Texas Tech, Colorado State, Texas A&M, and Kansas State rounded out the top five teams.

Individual Achievements:

Ashley Judge – San Luis Obispo, CA: 2nd High Individual Overall, 2nd in Swine, 6th in Sheep/Goats, 4th in Cattle, and High Individual in Reasons.

Jake Bloomberg – Berwick, IL: 3rd High Individual Overall, 3rd in Swine, 9th in Sheep/Goats, 5th in Cattle, and 8th in Reasons.

Austin Kindschi – Orlando, OK: 4th High Individual Overall, 7th in Sheep/Goats, 2nd in Cattle, and 7th in Reasons.

Mari Palacio – Bend, OR: 5th High Individual Overall, 8th in Swine, 3rd in Sheep/Goats, 7th in Cattle.

Gary Agar – Santa Rosa, NM: 7th High Individual Overall, 5th in Sheep/Goats, 3rd in Cattle

The Carload Judging Team finished as Reserve Champions on Friday with Gary Agar being the 10th High Individual Overall.

Other Carload team members included:

Blake Boyd – Mays Lick, KY

Nolan Hildebrand – Paso Robles, CA

Cody Johnson – Meeker, OK

Taylor Langford – Calhoun, GA

Other Team Members include:

Kurt Parsons – Ducor, CA

Katie Kirsch – Fremont, OH

Amanda Tresslar – Franklin, IN

Kelly Vierck - Juneau, WI

The 2014 Livestock Judging team is coached by Dr. Blake Bloomberg and assisted by Taylor Graham.




OSU Pen of Three 2014

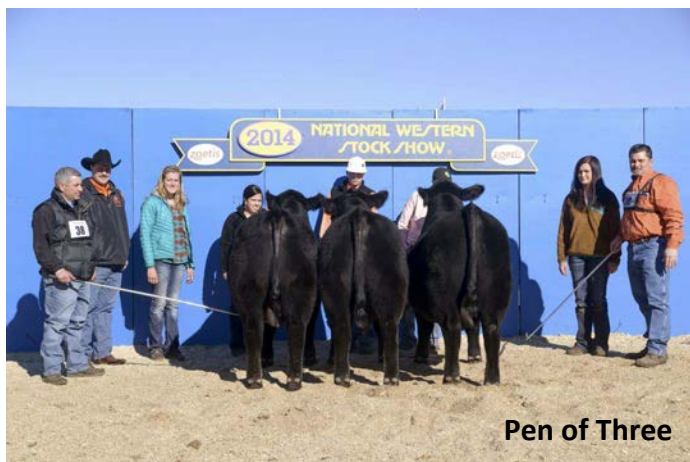


Back Row (left to right): Dr. Blake Bloomberg (Coach), Blake Boyd, Cody Johnson, Taylor Langford, Nolan Hildebrand, Dr. Clint Rusk (Animal Science Department Head), Taylor Graham
Front Row (left to right): Jake Bloomberg, Mari Palacio, Ashley Judge, Gary Agar, Austin Kindschi

NATIONAL
 WESTERN
 Stock Show



OSU Wins Pen of Three and Reserve Division Champion



Pen of Three

Every year, the OSU Department of Animal Science exhibits their purebred Angus cattle at the National Western Stock Show in Denver, Colorado. This is one of two shows the Department of Animal Sciences competes in with their purebred herd to provide an educational experience to current students and to recruit future students. Historically, our department has been very competitive at the NWSS, which is quite an accomplishment since our herd is smaller than most of the cow/calf producers and purebred angus breeders we are competing against.

"It says a lot about the students, staff, and people who have supported the program," said Mark Johnson, Animal Science Professor and former Judging Team coach. "This is a prestigious competition."

This year, the Department of Animal Science won Reserve Division Champion with their Angus bull "Class Act," as well as winning with their Pen of Three.



Reserve Division Champion

2014 Meat Judging Team at National Western

The 2014 Meat Judging Team recently returned from the National Western contest in Denver, CO. The team finished 4th overall but had an excellent day in many divisions. The team was 1st in beef judging, lamb judging, and reasons, as well as 2nd in pork judging, placings, and specifications.



Individual Accomplishments:

Kaylee Price - Allen, TX: 6th Overall, 1st in Beef Judging, 2nd in Placings, 4th in Lamb Judging, 5th in Reasons.

Wesley Griffin - Tuttle, OK: 7th Overall, tied 5th in Specifications.

Jessie Heidlage - Claremore, OK: 1st in Lamb Judging, 4th in Reasons.

Macy Griswold - Perkins, OK: tied 1st in Specifications.

Other Team Members:

Hanna Barney - Wagoner, OK

Chance Billups - Colcord, OK

Will Marshall - Buhl, ID

Kyle Wilson - Wilkinson, IN

Audrey Zoeller - Boerne, TX

The team also competed at the Southwestern and Houston contests this semester. For contest results throughout the year, go to www.judgingcard.com.

2014 National Champions

The team is coached by Dr. Gretchen Mafi and Dr. Blake Bloomberg. The Assistant Coach is Mr. Nolan Hildebrand.

The OSU Meat Animal Evaluation Team defeated eleven other schools to win the National Championship at the 2014 Meat Animal Evaluation Contest in Lubbock, Texas. This is the second time the team has earned the title of National Champions in the last four years.

The contest consisted of four divisions: Market Animal, Breeding Animal, Meats Division, and Communication Division. The OSU team placed 1st in the overall contest, 1st in the Market Animal Division, 1st in the Cattle Division, and 1st in the Communication Division. The team placed 2nd in Meats, 2nd in the Breeding Animal Division and 2nd in Swine. The team placed 3rd in the Sheep Division.

“Dr. (Gretchen) Mafi and I felt like this team had a great chance to win,” said Dr. Blake Bloomberg. “They are very dedicated and have all had success judging in the past. They worked hard and together to achieve their goal.”

Kyle Wilson from Wilkinson, IN was high individual overall. Kyle placed 2nd in the market division, 2nd in swine, 3rd in meats and 5th in cattle.

Shannon White from Stillwater, OK placed 4th overall, 1st in meats and 1st in cattle.

Morgan Neilson from Meeker, CO placed 6th overall, 1st in sheep, 6th in meats, and 10th in the market division.

Ashley Judge from San Louis Obispo, CA placed 10th overall, 8th in the market division and 8th in the breeding animal division.

Taylor Graham from Crossville, TN placed 1st in the breeding animal division.

Kelly Vierck from Juneau, WI placed 2nd in meats and 2nd in cattle.

Jake Bloomberg from Berwick, IL placed 4th in swine and 5th in the breeding animal division.

Other team members include:

Gary Agar from Santa Rosa, NM

Cody Johnson from Meeker, OK

Katie Kirsch from Fremont, OH

Austin Kindschi from Orlando, OK

Taylor Langford from Calhoun, GA

Mari Palacio from Bend, OR

Kurt Parsons from Ducor, CA

Kass Pfeiffer from Orlando, OK



Back Row (Left to Right):
Dr. Blake Bloomberg (Coach),
Jake Bloomberg, Taylor
Langford, Gary Agar, Taylor
Graham, Dr. Clint Rusk
(Department Head).

Second Row (Left to Right):
Mari Palacio, Nolan
Hildebrand (Assistant Coach),
Austin Kindschi, Kyle Wilson,
Kurt Parsons, Cody Johnson,
Kelly Vierck, Dr. Gretchen
Mafi (Coach).

Front Row (Left to Right):
Katie Kirsch, Kass Pfeiffer,
Shannon White, Ashley Judge,
Morgan Neilson.

2014 Reserve Champions

The team is coached by Dr. Steven Cooper and assisted by Tabatha Taylor.

The OSU horse judging team competed in the Spring Sweepstakes Horse Judging Contest in Gainesville, Texas. The Spring Contest boasted 21 senior college teams with 120 individual contestants. The OSU team took 5th in Halter and 2nd overall. Team members included Madeline Hernandez, Tayler Miles, Jessica Neal, and Lauren Rufo.

In addition to their team success, OSU also had individual success. In individual placings, Jessica Neal placed 4th overall, 5th in performance, and 9th in halter. Teammate Tayler Miles placed 10th overall and 6th in halter.



Left to Right: Tayler Miles, Jessica Neal, Lauren Rufo, and Madeline Hernandez.

2014 Meat Judging

The team is coached by Dr. Gretchen Mafi.

Southwestern Contest

The 2014 Meat Judging Team competed in the Southwestern Contest in Ft. Worth, TX. The team finished 5th overall at the Southwestern. The team was 3rd in lamb judging and reasons, 4th in beef judging and pork judging and reasons, and 2nd in specifications.

Individual Accomplishments Southwestern:

Kaylee Price - Allen, TX: 2nd in Placings, 4th in Pork Judging, tied 5th in Specifications.

Wesley Griffin - Tuttle, OK: 4th in Placings, 3rd in Lamb Judging, tied 1st in Specifications.

Jessie Heidlage - Claremore, OK: tied 5th in Specifications.

Macy Griswold - Perkins, OK: 9th Alternate's Contest .

Chance Billups - Colcord, OK: 10th Alternate's Contest.

Will Marshall - Buhl, ID: 6th Alternate's Contest.

Kyle Wilson, Wilkinson, IN: 7th Alternate's Contest

Houston Contest

The 2014 Meat Judging Team competed at the Houston Livestock Show and Rodeo Contest. At the Houston Contest, the team was 4th overall. The team finished 2nd in grading and beef judging, 3rd in pork judging, 4th in placings.

Individual Accomplishments:

Audrey Zoeller: 9th Overall, tied 1st in Specifications, 7th in Pork Judging .

Kyle Wilson: tied 1st in Specifications, 6th in Beef Judging, 7th in Reasons.

Chance Billups: 10th in Beef Grading.

Wesley Griffin: 9th in Beef Judging.

Jessie Heidlage: 4th in Lamb Judging.

Macy Griswold: tied 1st in Specifications, 5th in Placings.

Hanna Barney: 6th in Placings.

Livestock Judging Team

The team is coached by Dr. Blake Bloomberg and assisted by Taylor Graham.

Dixie National Livestock Show

The 2014 OSU Livestock Judging Team returned to competition in Jackson, MS at the Dixie National Livestock Show on February 8th. Oklahoma State was the High Team in every division including the Brahman, Continental, English, Market Steer and Oral Reasons on their way to being named the Champion Team Overall by 90 points.

Individual Achievements:

Nolan Hildebrand - Paso Robles, CA: High Individual Overall, 6th in Reasons.

Mari Palacio - Bend, OR: 2nd High Individual Overall, High Individual in Reasons.

Blake Boyd - Mays Lick, KY: 3rd High Individual Overall, 9th in Reasons.

Ashley Judge - San Luis Obispo, CA: 4th High Individual Overall, 2nd in Reasons.

Gary Agar - Santa Rosa, NM: 5th High Individual Overall, 5th in Reasons.

Taylor Langford - Calhoun, GA: 6th High Individual Overall, 4th in Reasons.

Cody Johnson - Meeker, OK: 7th High Individual Overall, 8th in Reasons.

Jake Bloomberg - Berwick, IL: 8th High Individual Overall, 7th in Reasons.

Austin Kindschi - Orlando, OK: 10th in Reasons

Kelly Vierck - Juneau, WI: 6th High Individual in Continental Cattle.

Other Team Members include:

Kurt Parsons - Ducor, CA

Katie Kirsch - Fremont, OH

Amanda Tresslar - Franklin, IN

San Antonio Livestock Show

The 2014 OSU Livestock Judging Team Competed in San Antonio, TX at the San Antonio Livestock Show on March 22nd. Oklahoma State was the 2nd High Team in Cattle, 4th in Sheep, and 3rd in Reasons and finished 4th Overall.

Individual Achievements:

Ashley Judge - San Luis Obispo, CA: 6th High Individual in Cattle, High Individual in Sheep, 10th High Individual in Reasons.

Austin Kindschi - Orlando, OK: 4th High Individual in Cattle.

Blake Boyd - Mays Lick, KY: 10th High Individual in Swine.

Other Team Members include:

Gary Agar - Santa Rosa, NM

Jake Bloomberg - Berwick, IL

Mari Palacio - Bend, OR

Nolan Hildebrand - Paso Robles, CA

Cody Johnson - Meeker, OK

Taylor Langford - Calhoun, GA

Kurt Parsons - Ducor, CA

Katie Kirsch - Fremont, OH

Amanda Tresslar - Franklin, IN

Kelly Vierck - Juneau, WI

Quadrathlon Team

The team was coached by Dr. Daniel Stein and Dr. Scott Carter.

Southern Section in Dallas

Written by Lindsay King

The Oklahoma State University Department of Animal Science quadrathlon team placed second at the American Society of Animal Science Southern Section academic quadrathlon in February 2014. Team members include: Corbit Bayliff, Haley Collins, Jeremy Hobbs and Claire Mitchell.

The contest consisted of a lab practicum, written exam, oral presentation and quiz bowl.

The lab practicum required contestants to move from each station and perform various animal maintenance procedures. One example of this was measuring the height of a horse and taking its temperature.

Additionally, the teams had to identify tools and equipment associated with the animal. There were several stations that were comprised of different species of livestock and companion animals. Each station was timed. The team placed second in this category.

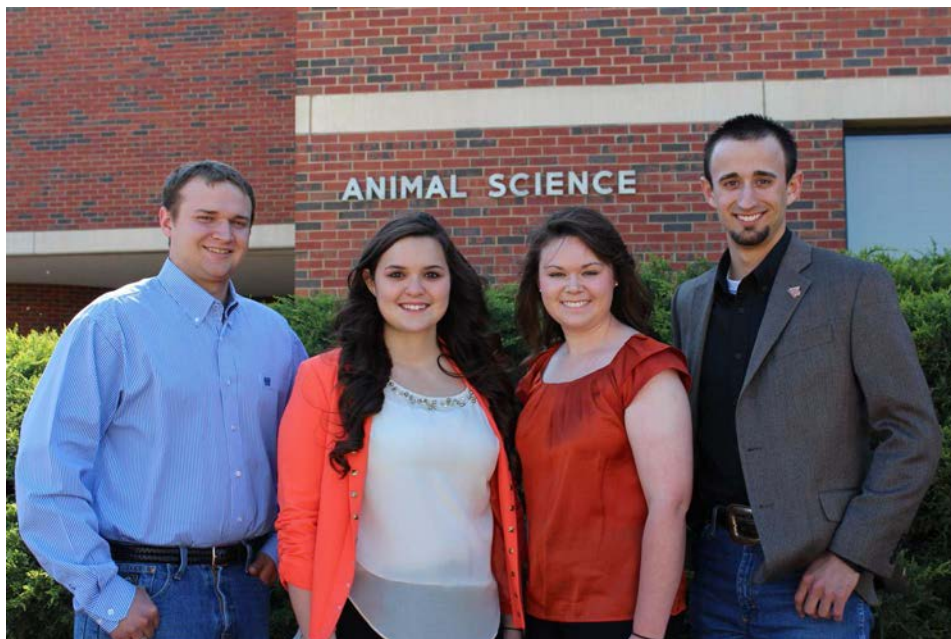
The written exam was similar to an exam the team members had taken in their animal science courses.

The oral presentation allowed competitors to be creative in presenting agricultural facts, specifically those about the livestock industry. OSU came up with a dating game show that presented two individuals for the girl to choose from. One was knowledgeable about the facts and the other presented the misconceptions of them. The team took top honors in this category.

The animal science quiz bowl was the determining factor in the top two overall teams of the competition. A bracket was created for the teams competing and OSU made it to the championship round. The team took second only by one question to Texas A&M.

Overall, the team placed second in the competition to Texas A&M University.

The competition is held in conjunction with the ASAS Southern Section meeting, which was held at Texas A&M University in College Station, Texas, this year. The winning team of the section moves on to the national competition in July.



Left to Right: Jeremy Hobbs, Haley Collins, Claire Mitchell, and Corbit Bayliff.

Faculty & Staff News

2014 Livestock Judging Camp

The 25th Annual OSU Animal Science Livestock Judging Camp will be conducted at Oklahoma State University in Stillwater, Oklahoma. The camp is open to boys and girls who have completed the seventh grade. Participation will be limited to 70 youth per session. This unique experience will provide participants with an exciting opportunity to work with some of the most successful livestock judging coaches in the country. Participants will also benefit from personal training by members of the already successful 2014 Livestock Judging Team.

This year, the camp will hold two sessions:

Session 1: June 16th—18th, 2014

Session 2: June 19th—21st, 2014.

The camp will be led by Mr. Rusty Gosz, Dr. Blake Bloomberg, Dr. Mark Johnson and other members of the Department of Animal Science faculty and staff, along with members of the OSU Livestock Judging Team. The instruction will include current type in slaughter and breeding beef cattle, sheep and swine; judging livestock in these six categories; live animal and carcass relationships; the use of performance data and preparing and presenting oral reasons.

The methods of instruction will include lecture, demonstration, hands-on experience, one-on-one coaching and critiquing and question and answer sessions. Each participant will prepare and present several sets of oral reasons, and at least three sets will be recorded on videotape which the participant will receive.

Livestock Judging Camp Registration Packets can be downloaded at <http://ansi.okstate.edu/outreach-extension/4-h-and-youth-information/LJC%20Packet%202014.pdf>.

OSU at Oklahoma Youth Expo

Faculty, staff members, and student organizations from our department spent the day at the Oklahoma Youth Expo (OYE) in Oklahoma City, OK on March 19th for “OSU Day at OYE.” The faculty and staff planned games, entertainment, and prizes for the event.

Among the entertainment were steers brought by faculty. Every year, Dr. Dan Stein from the Department of Animal Science and his wife, Jana, bring two of their steers, Pistol and Pete, to the Oklahoma Youth Expo. OYE attendees love Pistol and Pete, who are twins, and quickly line up for a chance to see them. Everyone is eager to get a photo with these two gentle giants.

More pictures of Pistol and Pete can be viewed online at www.oye.okstate.edu.



Samantha Lowman (right), Animal Science Graduate Student, helping out at the 2014 Oklahoma Youth Expo.

Thank you!



Dear Friends

First of all, I want to give a special thanks to the 287 people who made the commitment to be members of the OSU Livestock Judging family since 1992. The opportunity to serve as your coach, the relationships we built and experiences we shared are without question, the most gratifying and special part of my tenure as coach at OSU.

I have genuinely had the opportunity to live my dream. It would not have been possible without each of you, your families, as well as the support of the OSU administration, faculty and staff. It certainly would not have been possible without the unparalleled, uncompromising, unwavering support and expectations of "Cowboy Nation", the judging team alumni of our great University whose actions, words and deeds continue to make ours the greatest Department of Animal Science in the world!!

Thanks also to everyone who has ever been a student in the OSU judging program. As well to all of the faculty, staff and administration at OSU over the past century. You have all contributed to fostering a culture of excellence and high expectations at OSU, in our College of Ag, and Department of Animal Science. Today's students are a product of the culture that has been cultivated over the long haul. The successful judging teams of the modern era are a result of the bar that was set so high by those who preceded them in this endeavor!! It has been an honor and a privilege to serve as coach of this great program for 21 years. I wish my successor, Dr. Blake Bloomberg, and all the students who will embark upon this fantastic experience in the future, much success and remind them to enjoy the journey.

Most Sincerely,

A handwritten signature in black ink, appearing to read 'M. Z. Johnson'.

Mark Z. Johnson
Coach, OSU Livestock Judging Team, 1992 - 2013
and Totusek Endowed Chair of Animal Science

OKLAHOMA STATE UNIVERSITY

Dr. Bob Kropp to Retire This Summer After 42 Years of Service

Dr. Kropp will be retiring from the Department of Animal Science after 42 years of service. He has touched the lives of many here at OSU and will be missed.

Dr. Kropp has a long history with Oklahoma State University, which he began as a student. Dr. Kropp received his B.S. in Animal Science at OSU in 1970. He started working at OSU as a graduate teaching assistant while earning his M.S. and became an instructor while earning his Ph.D. After earning his Ph.D. in Animal Nutrition in 1975, he became an official part of the OSU faculty as an assistant professor.

Dr. Kropp has been a very active member of the faculty, teaching undergraduate and graduate courses, giving over 300 speeches and presentations, planning and administrating 14 conferences and symposiums, publishing various scientific papers and press articles, judging livestock, advising students, and coaching livestock judging teams (1972-1981, 1992).

Along with his OSU duties, he has been extremely active in the beef cattle industry. He has been involved in four cattle associations while owning a Texas Longhorn cattle operation, Kropp Cattle Company, and a private beef cattle management and marketing consulting service, Kropp Beef Cattle Consulting, dealing with production, management, and marketing decisions for registered and commercial beef cattle operations.

One word comes to mind when I think of Bob Kropp; giving. Whether it's a good story, a helping hand, or a word of advice, Bob has always been there for the students and the faculty to help them with whatever needs or worries they may have. This trait is one of the reasons why he has touched the lives and hearts of so many people.

We Will Miss You Bob!



Honors and Awards

University Faculty Leave the Ladder Down Award (2013), George Chiga Endowed Professorship (2013), University Service Award (2013), CASNR Exemplary Faculty Award (2010), OSU Mortar Board Golden Torch Award (2009), CASNR Exemplary Faculty Award (2008), Outstanding Undergraduate Advisor – College of Agricultural Sciences and Natural Resources (2006), Certificate of Excellence, OSU President's Leadership and Service Recognition (2006), OSU University Excellence in Advisement Award (2005), Alpha Zeta Outstanding CASNR Teaching Award (2005), Certificate of Excellence, OSU President's Leadership and Service Recognition (2005), Regents' Distinguished Teaching Award (2004), CASNR Exemplary Faculty Award (2004), Honorary Golden Key International Honor Society Award (2004), Outstanding Educational Program Award, Oklahoma Beef Quality Summit Program, Oklahoma Cooperative Extension Service (2002), Outstanding Undergraduate Advisor – College of Agricultural Sciences and Natural Resources (2000), Fred Jones Outstanding University Teaching Award (1990), Tyler Animal Science Professor of Distinction (1990), Gamma Sigma Delta Outstanding Teaching/Advising Award (1990), and Gamma Sigma Delta - Honor Society of Agriculture.

Mark Anderson Retires After 32 Years

Mark Anderson retired from his Herd Manager position at the OSU Range Cow Research Center, where he has been the herd manager for 32 years. Rain or shine, Mark could be found in the pastures checking on OSU cattle. Mark sacrificed many weekends and holidays to make sure the cattle had everything they needed. With Mark in charge, there was no doubt the cattle would be fed the correct amount of feed at the right time.

The next herd manager will have large boots to fill. Thank you Mark for 32 years of hard work and dedication!



Mark Anderson

Raluca & Toni Leave For the Sunshine State

Drs. Raluca Mateescu, Associate Professor of Animal Molecular Genetics, and Pascal (Toni) Oltenacu, Professor, are leaving Oklahoma State University for the sunnier (and less windy) state of Florida. Dr. Mateescu has accepted a faculty position at the University of Florida beginning later this summer. Dr. Mateescu and Dr. Oltenacu will work at OSU through July 7th. They have been great to work with and we are sad to see them go. We wish them the best of luck!



Raluca Mateescu



Toni Oltenacu

Debra Danley Wins GPSGA Award

Graduate Education Week was held April 7th—11th. Graduate students from the Department of Animal Science worked to create a week full of fun events for staff and students.

Two members of our department, Dr. Gerald Horn and Debra Danley, were nominated for Outstanding Graduate Coordinator and Outstanding Graduate Staff.

Debra Danley received the Outstanding Graduate Support Staff Award at the Graduate and Professional Student Government Association (GPSGA) Awards Ceremony on April 8, 2014.



Debra Danley



Gerald Horn

Lakshmi Sunkara Promoted

Lakshmi Tulasi Sunkara was promoted in January from Postdoctoral Fellow to a Research Assistant Professor.

After earning a Ph.D. degree in Molecular Immunology from Dr. Glenn Zhang's lab in OSU's Department of Animal Science, she worked as a Postdoctoral Research Associate for two years in the Dr. Zhang's lab before being promoted to Research Assistant Professor.

Her research is involved in the development of novel strategies to replace antibiotics in prevention and control of food animal diseases with a goal to improve public health by producing healthy organic animal products.



Lakshmi Tulasi Sunkara

Alumni

Alumni elected to Beef Board

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



Alumni Association

The Cattlemen's Beef Board elected new members during its final meeting at the 2014 Cattle Industry Convention in Nashville, Tennessee on February 7th. Two of the CBB members elected to the 2014 Beef Promotion Operating Committee, Marty Anderson and Amy Andersen, are alumni from OSU.

Marty Andersen from Wisconsin is a 1988 graduate from Oklahoma State University, where he received his Master's and Ph.D. in Ruminant Nutrition.

Amy Andersen received her Master's in Animal Science from OSU in 1987. She was elected to Secretary/Treasurer of the operating committee.

2013 Alumni Association

President

Rob Richard

Past President

Tyler Norvell

Vice-President

Tom White

Executive Secretary

Kim Brock

Recording Secretary

Wravenna Bloomberg

Assistant Secretary

Merl Miller

Treasurer

Rob Richard

Directors

Southwest District

Robert Spencer

Brian McEntire

Southeast District

Blake Nelson

B.T. Ferguson

Northwest District

John Pfeiffer Jr.

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

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

Events

National Livestock Judging Coach Symposium

May 28th, 2014

OSU Livestock Judging Camp

Session 1: June 16th - 18th, 2014

Session 2: June 19th - 20th, 2014

4-H Roundup

June 23rd - 25th, 2014

Big Three Field Days

July 15th - 17th, 2014

Tulsa State Fair

September 25th - October 5th, 2014

Applied Reproductive Task Force Conference

October 7th - 9th, 2014

Wes Watkins Center/OSU

Featured Photo



Horse with long mane. Picture was taken in Stillwater, OK area in 1915.

Quotes

“All I’m armed with is research.”

- Mike Wallace



News Team

Contributors

Corbit Bayliff

Blake Bloomberg

Kim Brock

Scott Carter

Steven Cooper

Kelcea Cundiff

Debra Danley

Mark Johnson

Jennifer Hernandez Gifford

Todd Johnson

Clint Krehbiel

Lindsay King

Gretchen Mafi

Jeff Mafi

Clint Rusk

Dan Stein

Editor

Rebekah Alford

Thank you for your contribution to the spring 2014 edition of Cowpoke News!

The Bulletin Board

Click Fliers For More Information

Welcome to OSU Animal Science



— Send this — Print this —

Contact L.J. Bernhard about internship opportunities

Do you have information for our newsletter?
Click Here

September 2013 Summer Edition

COWPOKE NEWS

The Department of Animal Science, Oklahoma State University

Newsletter Content

News from the Department Head

Click Here to Read More Cowpoke Newsletters

OSU

Oklahoma State University Beef Extension

9 DAYS, HANDS-ON JUDGING EXPERIENCE, ONE-ON-ONE REASONS COACHING

OKLAHOMA STATE UNIVERSITY'S LIVESTOCK JUDGING CAMP

25th Anniversary

Offering two sessions for Summer 2014!

SESSION I: June 16-18

SESSION II: June 19-21

Become a part of the winning tradition!

Download your registration packet today!

Rusty Gosz
OSU Extension Youth Livestock Specialist
405.744.6960
rusty.gosz@okstate.edu

Read More ANSI News Here

Department of Animal Science Alumni

JOIN NOW!

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

Connect With Us

Would you like to learn more about the Department of Animal Science at Oklahoma State University? Visit our website at www.ansi.okstate.edu, or keep in touch with us through our social media accounts! See below for links to our Facebook, Twitter, YouTube, and Flickr pages.

OSU Department of Animal Science Website

<http://ansi.okstate.edu/>

ANSI News

<http://www.ansi.okstate.edu/ANSI-news>

ANSI Publications

<http://ansi.okstate.edu/publications/>

ANSI Research Scholars

<http://www.ansi.okstate.edu/current-students/ug/research>

Internships

<http://www.ansi.okstate.edu/current-students/ug/internships>

OSU Beef Extension

<http://www.beefextension.com/>

Animal Science Alumni Association

<http://www.osuanscialumni.com/index.html>

SUNUP

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

Facebook

<https://m.facebook.com/OSUansi>

Twitter

https://twitter.com/OkState_ANSI

Flickr

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

YouTube

<http://www.youtube.com/channel/UCxKz2wAX1Xysf8R7fam8QxQ>

Eat Beef Order Form

http://ocw.weebly.com/uploads/2/3/0/7/2307232/eat_beef_product_order_form.pdf



Department of Animal Science



Thank You!

Thank you for taking the time to read the Oklahoma State University Department of Animal Science newsletter, Cowpoke News! I hope you have enjoyed reading about the students, staff, and faculty.

To Subscribe

The Cowpoke Newsletters are published three times a year and are available on our website at <http://www.ansi.okstate.edu/newsletter>.

If you would like to be added to our e-mail list, please contact us at cowpokeneews@okstate.edu.

If you would like for us to mail you the Cowpoke News, please e-mail us or mail your request to Rebekah Alford at:

Rebekah Alford
Oklahoma State University
RM 114 Animal Science Bldg.
Stillwater, OK 74078

Visit Our Campus

Interested in Oklahoma State University? Come visit our campus! Our university offers tours Monday through Saturday. You can choose from the following:

Group Campus Tours

Group campus tours are available to students in grades 9-12. You must have a least 10 students for the group tour.

Self-Guided Tours

Unable to attend a scheduled tour? Choose a self-guided option that you can complete at your convenience.

Alumni Tours

Tours for alumni are offered each Friday at 2p.m. by the OSU Alumni Association. You must preregister to attend.

View all tour options at <https://admissions.okstate.edu/visit>.

How To Apply

Want to be an OSU Cowboy? To apply, please go to <https://admissions.okstate.edu/apply>.

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