




Hunter Burnett, Ph.D., PAS

Assistant Professor of Animal Science

 (501) 581-5759

 shorthorn2011@gmail.com

 Greenbrier, AR 72058

CAREER OBJECTIVE

Highly motivated and detail-oriented professional with expertise in ruminant nutrition, genetics, and forages, utilizing platforms such as SAS, data analysis, project management, and process improvement. Adept at troubleshooting and resolving complex issues. Skilled in developing and implementing innovative strategies to reduce costs and increase efficiency.

WORK EXPERIENCE

ASSISTANT PROFESSOR OF ANIMAL SCIENCE, JONESBORO, AR

Arkansas State University College of Agriculture, January 2024-Present

- Independently developed course content and instruction with approved course materials
- Collaborated with local executives in the agriculture industry to provide technical insight and solutions to agricultural problems within the community.
- Assisting with the development of the incoming College of Veterinary Medicine at Arkansas State University

ASSISTANT PROFESSOR OF ANIMAL SCIENCE, MAGNOLIA, AR

Southern Arkansas University Agriculture Department, August 2021-December 2023

- Independently developed course content and instruction with approved course materials
- Chair of Animal Science Curriculum and committee member of: IACUC, SAU Outdoor campus and research facility development, and Interview Candidate Search committee
- Advisor of Collegiate Cattleman's and Pre- Vet club resulting in increased morale, student networking, and vet student acceptance rates of 80%.
- Conducted and drafted research projects and proposals to secure grants and other funding, published scholarly articles, and presented at professional development conferences in collaboration with other faculty.
- Led department program development and advisement activities by developing a new small ruminant research facility to create a stronger learning environment.
- Collaborated with local executives in the agriculture industry to provide technical insight and solutions to agricultural problems within the community.

GRADUATE/RESEARCH ASSISTANT IN BEEF CATTLE GENETICS, REPRODUCTIVE PHYSIOLOGY, NUTRITION, AND GROWTH AND DEVELOPMENT, STARKVILLE, MS

Mississippi State University Animal and Dairy Science Department, August 2018-December 2021

- Collected, organized, and ran statistical analysis processes and biological assays of data sets and collections.
- Manipulated, prepared, and managed extensive databases.
- Read literature related to scientific area of expertise to remain current in knowledge.
- Drew up new research proposals.
- Investigated interrelationships between animals in natural surroundings, captivity and in laboratories.

- Monitored revenue, budgets, and timelines to maintain project performance.
- Built partnerships with potential funding agencies by writing grant proposals.
- Utilized and strictly followed standard research techniques to conduct routine experiments.

**BEEF CATTLE NUTRITION AND REPRODUCTIVE PHYSIOLOGY GRADUATE/RESEARCH ASSISTANT,
FAYETTEVILLE, AR**

University Of Arkansas Animal Science Department, July 2015-July 2017

- Conducted site visits to record observations and collect data.
- Investigated interrelationships between animals in natural surroundings, captivity and in laboratories.
- Applied for funds and grants.
- Presented scientific papers in meetings and at conferences.
- Carried out lengthy research projects to develop new products, processes, and applications.

EDUCATION

**Ph.D. in Animal and Dairy Sciences concentrated in Animal Breeding & Genetics,
Nutrition, Reproductive Physiology, and Growth and Development**

Major Advisor: Dr. Trent Smith; Advisory Committee: Dr. Brian Rude, Dr. Caleb Lemley, and Dr. Derris Burnett

Relationship of Winter Hair Coat Shedding Ability of Purebred Angus Dams with Mineral Status,
Apparent Forage Digestibility, Uterine Artery Hemodynamics, and Calf Growth and Development

Mississippi State University, Starkville August 2018 - December 2021

**MASTER OF SCIENCE (M.S.) IN BEEF CATTLE NUTRITION/REPRODUCTIVE
PHYSIOLOGY,**

Major Advisor: Dr. Jeremy Powell; Advisory Committee: Dr. Beth Kegley and Dr. Rick Rorie

Heifer Development Project on Comparing Sulfates vs. Hydroxychloride
Trace Mineral Supplementation Methods

University of Arkansas, Fayetteville July 2015 - August 2017

**BACHELOR OF SCIENCE (B.S.) HIGH HONORS IN ANIMAL SCIENCE
CONCENTRATION IN PRE-VET MEDICINE**

University of Arkansas, Fayetteville August 2011 - May 2015

AWARDS AND HONORS

University of Arkansas Chancellor's List	Spring 2012 and Spring 2014
University of Arkansas Dean's List	Fall 2011-Spring 2015
Honor Graduate of University of Arkansas	Spring 2015
Alpha Zeta Agriculture Honor Society	Spring 2014-Current
National Society of Collegiate Scholars	Spring 2012-Current
National Society of Leadership and Success (Sigma Alpha Pi)	Fall 2012-Current
University of Arkansas Chapter of Mortar Board National Honor Society (Pi Sigma Alpha)	Spring 2014-Current
Professional Animal Scientist	Fall 2015-Current
Dr. Paul Noland Outstanding Master's Student Award Recipient for the UA Animal Science Dept.	Jan. 2017
Mississippi State University Gamma Sigma Delta National Agriculture Honor Society	Spring 2020-Current

TEACHING EXPERIENCE

University of Arkansas, Fayetteville

Teacher's Assistant for Veterinarian Anatomy under Dr. Andrew Fidler – Fall Semester 2015

Obtained materials and delivered content for lab and study sessions; proctored and graded quizzes and examinations

University of Arkansas, Fayetteville – November 2015

Guest Lecturer for Livestock Merchandising Class

Presented a lecture on Rabbit Marketing for Undergraduate Livestock Merchandising Class in Animal Science Department

University of Arkansas, Fayetteville – Spring Semester 2016

Teacher's Assistant for Artificial Insemination in Cattle under Dr. Rick Rorie

Put together labs and proctored Artificial Insemination practice days

University of Arkansas, Fayetteville - Fall Semester 2016

Teacher's Assistant for Career Preparation and Development under Dr. Fred Pohlman

Graded papers, took notes during different guest lectures for use by students in the class; presented a presentation over graduate school in class

University of Arkansas, Fayetteville - Spring Semester 2017

Teacher's Assistant for Livestock Diseases under Dr. Jeremy Powell

Created quizzes, graded papers, took notes during lectures for use by students, and lectures several class periods throughout semester

Mississippi State University, Starkville - Fall Semester 2018

Teacher's Assistant for Animal Science Laboratory under Mr. Brett Crow

Created quizzes, graded quizzes, taught two sections of lab every week throughout the semester

Mississippi State University, Starkville - Spring Semester 2019 and 2020

Teacher's Assistant for Beef Cattle Production and Laboratory under Dr. Trent Smith

Created quizzes, graded quizzes, homework, exams, and guest lectured throughout the semester, while teaching undergrads proper cattle handling procedures and management techniques used in commercial cattle operations

Mississippi State University, Starkville - Summer 2019 and Spring Semester 2020

Co-Teacher's Assistant for Breeding and Genetics Class under Dr. Trent Smith

Assisted students in laboratory portion of class in understanding proper calculations, theories, and selection criteria used in animal breeding and genetics

Mississippi State University, Starkville - Fall Semester 2019 and Fall/Spring 2020

Teacher's Assistant for Feeds and Rations Class under Dr. Brian Rude

Assisted in the teaching of laboratory time, to assist students in the understanding of proper ration formulation for bovine, swine, and dairy rations being fed in industry

Mississippi State University, Starkville - Oct. 17, 2019 and Mar. 5, 2020

Guest Lecturer for Introduction to Animal Science Lab for Ms. Kirsten Midkiff

Presented on the techniques used in the operation of reproductive technology

Mississippi State University, Starkville - Fall Semester 2020, and Spring 2021

Teacher for Introduction to Animal Science Laboratory

Created quizzes, graded quizzes, and taught two sections of lab every week throughout each semester on management/handling techniques

Mississippi State University, Starkville

Teacher's Assistant for Breeding and Genetics Class under Dr. Trent Smith - Summer Semester 2020 and Spring/Summer 2021

Assisted students in laboratory portion of class in understanding proper calculations, theories, and selection criteria used in animal and breeding and genetics

Southern Arkansas University, Magnolia

**Assistant Professor of Animal Science for Introduction to Animal Science Lecture/Lab –
Fall Semester 2021-23**

Developed material and labs for a Freshman level course over the introductory material in the study of animal science, while also developing labs for beginning hands on experience for students all based in the Agriculture Department across Agriculture Business, Education, Plant Science, and Animal Science/Pre-Vet Medicine degree fields.

Southern Arkansas University, Magnolia

Assistant Professor of Animal Science for Livestock Diseases Lecture - Fall Semester 2021-23

Developed material for a Junior/Senior level course over the biological mechanisms of disease transmission, livestock specific diseases, and proper treatment of diseases for both Animal Science and Pre-Vet Medicine degree fields.

Southern Arkansas University, Magnolia

**Assistant Professor of Animal Science for Beef Cattle Management - Spring Semester 2022-23
Lecture/Lab**

Currently developing material and labs for proper management techniques in the beef cattle industry across the United States and specifically for cattle producers in Arkansas for both Animal Science and Pre-Vet Medicine degree fields.

Southern Arkansas University, Magnolia

**Assistant Professor of Animal Science for Ruminant Production Management Lecture/Lab -
Spring Semester 2022-23**

Currently developing material and labs for proper management techniques in the ruminant species production across the United States, specifically geared towards the production of beef cattle, for Agriculture Education, Business, and Plant Science degree fields.

Southern Arkansas University, Magnolia

**Assistant Professor of Animal Science for Reproductive Physiology of Animals Lecture/Lab -
Spring Semester 2022-23**

Currently developing material over the reproductive mechanisms, anatomy and physiology, and management of both livestock and companion animal species, while also preparing students through lab to be confident in artificial insemination techniques in cattle.

Southern Arkansas University, Magnolia

**Assistant Professor of Animal Science for Animal Breeding and Genetics –
Spring Semester 2022-23**

Currently developing material over the understanding of statistical means for understanding the selection and transmitting of genetics in animal breeding of species in both livestock and companion animal industries.

Southern Arkansas University, Magnolia

**Assistant Professor of Animal Science for the Co-Lecturing of Forage Production –
Spring Semester 2023**

Currently developing material over the symbiotic relationship of ruminant and non-ruminant herbivores with southern forage production management techniques.

Southern Arkansas University, Magnolia

**Assistant Professor of Animal Science for the Special Problems in Animal Science particularly for Pre-Service Agriculture Teacher Class
Room Management in Animal Science Lab – Fall Semester 2023**

Currently developing material for a new class for pre-service agriculture teachers to gain class room management techniques for preparation for future career development as agriculture instructors.

Arkansas State University, Jonesboro

Assistant Professor of Animal Science for Introduction to Animal Science Lecture/Lab – Spring 2024

Developed material and labs for a Freshman level course over the introductory material in the study of animal science, while also developing labs for beginning hands on experience for students all based in the Agriculture Department across Agriculture Business, Education, Plant Science, and Animal Science/Pre-Vet Medicine degree fields.

Arkansas State University, Jonesboro

Assistant Professor of Animal Science for Small Ruminant Production – Spring 2024

Currently developing material and labs for proper management techniques in small ruminant species production across the United States, specifically geared towards the production of sheep, for upper-level animal science production and pre-vet degree seeking students.

VOLUNTEER EXPERIENCE

RABBIT AND BEEF CATTLE JUDGE, AR / LA

Livestock Judge, January 2014-Present

- Livestock Judge for Local County and District livestock shows.

VOLUNTEER 4-H LEADER FOR FAULKNER COUNTY, AR

January 2012-Present

- Volunteer Leader for my local club, Cloverleaf 4-H Club in Greenbrier, AR

PAPER(S) PRESENTED/PUBLISHED ABSTRACT, ARTICLES, THESIS, AND DISSERTATION

Comparison of organic and inorganic trace mineral supplementation strategies for beef heifers

Guest presenter at ARPAS competition for the Four States Cattlemen's Conference in Texarkana, AR. Dec. 2015

Comparison of organic and inorganic trace mineral supplementation strategies for beef heifers

Published Abstract: J. Anim. Sci. 94(Suppl 1):46-47

Citation with and published in Zinpro Performance Minerals handout

<https://doi.org/10.2527/ssasas2015-094>

Guest presenter at the Southern Section of the American Society of Animal Science Regional Meeting in San Antonio, TX. Feb. 2016

Supplemental trace minerals (Zn, Cu, and Mn) as sulfates or hydroxychloride trace mineral sources for beef heifers

Published Abstract: J. Anim. Sci. 95(Suppl 4):266

<https://doi.org/10.1093/jas/asasann.2017.543>

Guest presenter at the 2017 National American Society of Animal Science meeting in Baltimore, MD July 2017

Supplemental trace minerals (Zn, Cu, and Mn) as sulfates or hydroxychloride trace mineral sources for beef heifers

Defended, submitted, and published thesis over master's research Aug. 2017

Evaluation of hair coat shedding ability as an adaptive trait in Angus cattle in the southern U.S.

Published Abstract: J. Anim. Sci. 98(Suppl 2):1-2

<https://doi.org/10.1093/jas/skz397.003>

Guest presenter at the Southern Section of the American Society of Animal Science Regional Meeting in Chattanooga, TN Feb. 2020

Relationship of winter hair growth and performance on Angus dams

Published Co-Author Abstract: J. Anim. Sci. 98(Suppl 2):1

<https://doi.org/10.1093/jas/skz397.001>

Co-author of submitted abstract for Southern Section of American Society of Animal Science Regional Meeting in Chattanooga, TN Feb. 2020

Effect of hair coat shedding ability on uterine artery hemodynamics in Angus cattle.

Published Abstract: J. Anim. Sci. 99(Suppl 2):3

<https://doi.org/10.1093/jas/skab096.002>

Guest presenter at the Southern Section of the American Society of Animal Science Regional Meeting in Louisville, KY July 2021

Relationship of winter hair coat shedding ability of purebred Angus dams with mineral status, apparent forage digestibility, uterine artery hemodynamics, and calf growth and development
Defended, submitted, and published dissertation over Ph.D. research Dec. 2021

Evaluation of the relationship between hair coat shedding ability and apparent digestibility in Angus cattle

Published Co-Author Abstract: J. Anim. Sci. 100(Suppl 1):1

<https://doi.org/10.1093/jas/skac028.000>

Co-author of submitted abstract for Southern Section of American Society of Animal Science Regional Meeting in Fort Worth, TX Jan. 2022

Harnessing the value of hormones in cattle production with considerations to animal welfare and human health: The value of hormones in cattle farming

Published manuscript in J. Anim. Sci. 100:1-14

<https://doi.org/10.1093/jas/skac177>

Manuscript assembled by students of the Fall 2018 Endocrinology Secretions Class of the Mississippi State University Animal and Dairy Science Department Jan. 2022

Using simulation to teach livestock management practices in an undergraduate agricultural science course

Accepted Co-Author Research Poster for American Association for Agricultural Education National Meeting Accepted April 6, 2023

Collaborative research project with Dr. Trent Wells in which we looked into the use of animal simulation for piglet management techniques using interactive models with undergrads in an Introduction to Animal Science Lab.

Using a livestock branding project to promote student engagement

Accepted and Published Co-Author Teaching Tips Article for the North American Colleges and Teacher of Agriculture Journal – Accepted Oct. 23, 2023

Wells, T., **Burnett, R.**, & Bell, B. (2023). Using a Livestock Branding Project to Promote Student Engagement. *NACTA Journal*, 67(TT). <https://doi.org/10.56103/nactaj.v67iTT.152>

Collaborative teaching tips journal article with Dr. Trent Wells and former student/agriculture instructor at Avery ISD, Texas, Ms. Bravyn Bell on the development of a school brand for Southern Arkansas University that was developed with the help of multiple student organizations.

Using simulation to teach swine management practices in introductory-level animal science coursework

Accepted Co-Author Teaching Tips Article for the North American Colleges and Teacher of Agriculture Journal – Accepted Dec. 15, 2023 and awaiting publishing date

Collaborative teaching tips journal article with Dr. Trent Wells on the use of animal simulation for skills development in animal husbandry and management when select species are not available at an university.

RESEARCH EXPERIENCE

Wells, T. 2023. Use of simulation to teach swine management practices in introductory-level animal science course work.

Wells, T. 2022-2023. Understanding the attained knowledge of animal science before and after the taking of an introductory animal science course.

Orrell, T. 2022. Relationship of hair coat shedding as an adaptive trait in Brangus cattle in the southern U.S.

Orrell, T. 2022. Evaluation of hair coat shedding ability as an adaptive trait in Hereford cattle in the southern U.S.

Loftin, M. 2021. Evaluation of the relationship between hair coat shedding ability of Angus dams on calf growth and development with longissimus muscle gene expression

Loftin, M. 2021. Evaluation of the relationship between hair coat shedding ability and apparent digestibility in Angus cattle.

De La Guardia, V. 2020. The gastrointestinal microbiome as markers of nitrogen efficiency in Holstein and Jersey cows.

Duvic, M. 2019. Evaluating genotypes of early- and late-shedding winter coat Angus cows for SNPs associated with the prolactin gene and their relationship to cattle performance.

Dysart, L. 2019. Effects of estradiol benzoate on reproductive characteristics in beef cows.

Midkiff, K. 2019. Pen size and BRD: Impacts on antibiotic use, antibiotic resistance, performance, profitability.

Pittman, A. 2019. Inflammatory profiles of high-risk cattle exposed to common management practices

Heaton, C. P. 2018. Effect of a commercial prebiotic on the apparent digestibility of nutrients and fecal microbial profile in mature and geriatric horses.

Heaton, C. P. 2018. Relationship between insulin dysregulation and morphometric neck measurements in the non-obese stock-type horse.

Yankey, K. 2018. Maternal nutrient restriction during mid-to-late gestation alters adipogenic gene expression in subcutaneous and perirenal adipose tissue of fetal beef cattle offspring.

Ball, J. 2017. Zinc injection as a novel castration method in beef bulls: Effects on carcass trait and consumer acceptability.

Chewning, S. 2017. Analysis of bacterial communities as a potential biomarker for resistance to heat and toxic fescue stress in grazing beef cows.

Ball, J. 2016. Zinc injection as a novel castration method in beef bulls: Effects on performance, behavior and testosterone and haptoglobin concentration.

Ball, J. 2016. Effect of injectable castration regimen on beef bull calves

Burnett, R. H. 2016. Anti-Mullerian Hormone at weaning and breeding as a predictor of beef heifer fertility.

MEMBERSHIPS AND OFFICES HELD

Arkansas State Representative for the American Shorthorn Association	2016-Current
American Shorthorn Association	2016-Current
Arkansas Cattlemen's Association	2016-Current
Faulkner County Cattlemen's Association	2002-Current
American Rabbit Breeder's Association	2005-Current
American Society of Animal Science (ASAS)	2013-Current
Southern Arkansas University Collegiate Cattlemen's Association as an Advisor	2021-Current
Southern Arkansas University American Pre-Veterinarian Medical Association as an Advisor	2022-Current
Arkansas Farm Bureau	2016-Current
Arkansas Farm Bureau Young Farmers and Ranchers	2016-2020
Mississippi State University Collegiate Cattlemen's Club	2018-2021
Mississippi State Cattlemen's Association	2018-2021
Mississippi State Animal and Dairy Science Department Graduate Student Assc. President	2020-2021
University of Arkansas Block and Bridle Club	Fall 2011-Spring 2015
-Head of Cattle Show Activities (Block Head of Club)	Spring 2014-Spring 2015
University of Arkansas Pre-Vet Club	Fall 2011-Spring 2015
University of Arkansas Collegiate 4-H/FFA	Fall 2012-Spring 2013
University of Arkansas Animal Science Department Academic Quadrathlon Team	Fall 2014-Spring 2015
Arkansas Junior Shorthorn Association	2002-2015
American Junior Shorthorn Association	2002-2015
Arkansas Junior Cattlemen's Association	2002-2015
University of Arkansas Animal Science Department Graduate Student Association Treasurer	2016-2017

COMMITTEE, EXTENSION, AND OUTREACH INVOLVMENT

National Cattlemen's Beef Association Convention and Trade Show

Feb. 2015

University of Arkansas Department of Animal Science

Represented University of Arkansas Department of Animal Science as one of four undergraduates at the NCBA convention and trade show booth to recruit future undergrads and graduate students.

Animal Science Day

Oct. 2015

University of Arkansas Department of Animal Science

Represented the Animal Science Graduate Student Association at the annual U of A Animal Science Day by helping produce a haunted house, livestock judging competition, and other club booths.

<p>Academic Quadrathlon Competition University of Arkansas Department of Animal Science Head of the reproductive portion of the lab practicum portion of the contest, assisted as one of the judges for the oral presentation, and with the running of quizbowl in deciding of the team that represented the Animal Science Department at Southern Section Regional Meeting.</p>	Nov. 2015
<p>Animal Science Day University of Arkansas Department of Animal Science Co-Head of the Animal Science Graduate Student Association at the annual U of A Animal Science Day haunted house, for the use of supporting the Animal Science Day.</p>	Oct. 2016
<p>Academic Quadrathlon Competition University of Arkansas Department of Animal Science Head of the reproductive portion of the lab practicum portion of the contest, assisted as one of the judges for the oral presentation, and with the running of quizbowl in deciding of the team that represented the Animal Science Department at Southern Section Regional Meeting.</p>	Nov. 2016
<p>National Cattlemen’s Beef Association Convention and Trade Show University of Arkansas Department of Animal Science Represented University of Arkansas Department of Animal Science and Animal Science Graduate Student Association at the NCBA convention and trade show booth to recruit future undergrads and graduate students for the Animal Science Department</p>	Feb. 2017
<p>American Society of Animal Science Southern Section Academic Quadrathlon University of Arkansas Department of Animal Science Represented as one of two graduate students helping with the production and grading of written exams of those undergrads that competed in the competition.</p>	Feb. 2017
<p>150th Anniversary Committee Member for American Shorthorn Association American Shorthorn Association, Kansas City, MO Committee used to prepare events, promos, and celebration items for the American Shorthorn Association’s 150th anniversary year from 2021-2022</p>	Nov. 2018- Dec. 2022
<p>Breakfast on the Farm Mississippi State University Animal and Dairy Science Department Gave tours, taught students/families/individuals about the dairy industry, and how milk is produced.</p>	Sept. 27-29, 2018
<p>Beef Barn – Mississippi State University Collegiate Cattlemen’s Mississippi State University Animal and Dairy Science Department Represented the Collegiate Cattlemen’s and ADS Dept. at the beef barn concession stand for the Mississippi State Fair.</p>	Oct. 8, 2018
<p>Artificial Insemination School Mississippi State University Animal and Dairy Science Department Was an official A.I. checker at the University Farm, during practice time, to reassure students were properly passing through and completing A.I. process</p>	Oct. 19-20, 2018
<p>Academic Quadrathlon Competition Mississippi State University Department of Animal and Dairy Sciences Head of the beef portion of the lab practicum portion of the contest, assisted as one of the judges for the oral presentation, and with the running of quizbowl in deciding of the team that represented the Animal and Dairy Science Department at Southern Section Regional Meeting.</p>	Nov. 16-19, 2018
<p>Assisted Livestock Judging Coach with team at National Western Contest Assisted in travel, work outs, and helping team members prepare for first contest in Denver, CO at the National Western Livestock Judging Contest.</p>	Jan. 10-20, 2019

<p>Dixie National Livestock Show and Collegiate Livestock Judging Contest Prepare beef cattle classes, exhibited beef classes, and helped with the taking of oral reasons in order to help make the Mississippi State University promoted event successful</p>	<p>Feb. 9, 2019</p>
<p>1st Annual Mississippi State Animal and Dairy Science Department Club Lamb Sale Help promote, prepare, and exhibit club lambs produced by Mississippi State University Animal and Dairy Science Department for 1st annual sale</p>	<p>May 18, 2019</p>
<p>Mississippi State University Day Livestock Judging Camp Spent the afternoon setting up livestock classes, while helping kids get involved with livestock judging as a future 4-H and FFA activity</p>	<p>May 18, 2019</p>
<p>Mississippi State University 3-day Livestock Judging Camp Spending the 3-day event helping set up livestock classes, helping kids with oral reasons, and helping get kids involved in livestock judging as a future activity in 4-H and FFA</p>	<p>May 27-29, 2019</p>
<p>Beef Barn – Mississippi State University Collegiate Cattlemen’s Mississippi State University Animal and Dairy Science Department Represented the Collegiate Cattlemen’s and ADS Dept. at the beef barn concession stand for the Mississippi State Fair.</p>	<p>Oct. 8, 2019</p>
<p>Breakfast on the Farm Mississippi State University Animal and Dairy Science Department Gave tours, taught students/families/individuals about the dairy industry, and how milk is Produced</p>	<p>Oct. 17-19, 2019</p>
<p>Artificial Insemination School Mississippi State University Animal and Dairy Science Department Was an official A.I. checker at the University Farm, during practice time, to reassure students were properly passing through and completing A.I. process</p>	<p>Oct. 24-26, 2019</p>
<p>Block and Bridle Club Little “I” Livestock Show Mississippi State University Animal and Dairy Science Department Assisted in the running of the Little “I” Livestock Show for new pledges of the Block and Bridle Club.</p>	<p>Nov. 2, 2019</p>
<p>International Agriculture Education Outreach Mississippi State University Animal and Dairy Science Department Created and developed U.S. Beef Cattle Industry presentation for Uzbekistan visitors</p>	<p>Nov. 4, 2019</p>
<p>Academic Quadrathlon Competition Mississippi State University Department of Animal and Dairy Sciences Head of the beef portion of the lab practicum portion of the contest, assisted as one of the judges for the oral presentation, and with the running of quizbowl in deciding of the team that represented the Animal and Dairy Science Department at Southern Section Regional Meeting.</p>	<p>Nov. 8-11, 2019</p>
<p>Mississippi State 4-H Premier Livestock Exhibitor Competition Mississippi State University State 4-H Extension Judged contestant applicants for the involvement and participation in respected species</p>	<p>Dec. 2019</p>
<p>Beef Barn – Mississippi State University Collegiate Cattlemen’s Mississippi State University Animal and Dairy Science Department Represented the Collegiate Cattlemen’s and ADS Dept. at the beef barn concession stand for the Mississippi State Fair.</p>	<p>Jan. 30, 2020</p>
<p>Dixie National Livestock Show and Collegiate Livestock Judging Contest Prepare beef cattle classes, exhibited beef classes, and helped with the taking of oral reasons in order to help make the Mississippi State University promoted event successful</p>	<p>Feb. 8, 2020</p>

<p>Limousin Junior National Cattle Show – West Monroe, Louisiana Represented Mississippi State University Department of Animal and Dairy Sciences as a guest judged for the selecting and placing of classes for the Junior National Judging Contest.</p>	June 30, 2020
<p>Artificial Insemination School Mississippi State University Animal and Dairy Science Department Was an official A.I. checker at the University Farm, during practice time, to reassure students were properly passing through and completing A.I. process</p>	Oct. 22-24, 2020
<p>Block and Bridle Club Little “I” Livestock Show Mississippi State University Animal and Dairy Science Department Assisted in the running of the Little “I” Livestock Show for new pledges of the Block and Bridle Club.</p>	Nov. 7, 2020
<p>Mississippi State 4-H Premier Livestock Exhibitor Competition Mississippi State University State 4-H Extension Judged contestant applicants for the involvement and participation in respected species</p>	Jan. 2021
<p>Beef Barn – Mississippi State University Collegiate Cattlemen’s Mississippi State University Animal and Dairy Science Department Represented the Collegiate Cattlemen’s and ADS Dept. at the beef barn concession stand for the Mississippi State Fair.</p>	Feb. 4, 2021
<p>Dixie National Livestock Show and Collegiate Livestock Judging Contest Prepare beef cattle classes, exhibited beef classes, and helped with the taking of oral reasons in order to help make the Mississippi State University promoted event successful</p>	Feb. 20, 2021
<p>Artificial Insemination School Mississippi State University Animal and Dairy Science Department Was an official A.I. checker at the University Farm, during practice time, to reassure students were properly passing through and completing A.I. process</p>	March 12-14, 2021
<p>Institutional Animal Care and Use Committee Southern Arkansas University Currently developing the new by-laws and protocols as a founding board member of the IACUC Committee for the use of animal research at Southern Arkansas University</p>	August 2021-Current
<p>Advisor to the Southern Arkansas Collegiate Cattlemen’s Association Currently serving as the advisor to the development of newly formed cattlemen’s association, recognized by Arkansas Cattlemen’s Association, for the development and production of beef products and by-products in Arkansas and the United States</p>	August 2021-Current
<p>Liaison between SAU Agriculture Department and Columbia County Cattlemen’s Association Serve as the liaison between the combined interests of SAU Agriculture Department and the Columbia County Cattlemen’s Association for hosted events, sponsorships, etc.</p>	Sept. 2021-Current
<p>Advisor to the Southern Arkansas Pre-Veterinarian Medicine Club Currently serving as the co-advisor for the pre-professional development of future veterinarians that will apply for acceptance to veterinarian school/professional school.</p>	Nov. 2021-Current
<p>Advisory board for the developing of the SAU Outdoor Campus in conjunction with the assistance of Arkansas Game and Fish Commission Currently serving as an advisor to the development of the new SAU Outdoor Campus, with particular advisement towards the impact this Campus will have on the SAU Agriculture Department and the Animal Science Curriculum.</p>	March 2022-Current
<p>Serving as lead developer of the SAU Agriculture Department Small Ruminant Facility Recently developed new plans for the designing and development of a new Small Ruminant Facility that will be used for teaching and research undergrad purposes. This has been a continued renewed interest and need within the Animal Science curriculum, Agriculture Department, and SAU to diversify</p>	Sept. 2022-Current

the presence of livestock for future veterinarians, agriculture leaders, and educators for our region.

Genetic Improvement Committee for the American Shorthorn Association

Nov. 2022 – Current

Currently serve as a committee member on the Genetic Improvement Committee for the American Shorthorn Association as a means for having the background and expertise in breeding and genetics curriculum to help the continued improvement of the breed.

Undergraduate Honors Research Committee

Jan. 2024-Current

Serving as an external committee member for an undergraduate honors research project as a combined effort between Arkansas State University Animal Science Department and Murray State University Agriculture Education Department. The intent is to look Understanding the attained knowledge of animal science before and after the taking of an introductory animal science course.

REFERENCES

Dr. Trent Wells

Assistant Professor of Agricultural Education

Murray State University, Murray, Kentucky

Email: kwells23@murraystate.edu

Office phone: 270-809-6924

Dr. Trent Smith

Associate Professor of Animal Science

Mississippi State University, Starkville, Mississippi

Email: ts289@msstate.edu

Office phone: 662-325-3691

Dr. Brian Rude

Professor of Animal Science

Mississippi State University, Starkville, Mississippi

Email: bjr13@ads.msstate.edu

Office phone: 662-325-2933

Dr. Beth Kegley

Professor of Animal Science

University of Arkansas

Email: ekegley@uark.edu

Office phone: 479-575-3050

Dr. Jeremy Powell

Professor of Animal Science

University of Arkansas

Email: jerpow@uark.edu

Office phone: 479-575-5136