ANIMAL & DAIRY SCIENCES

IN THIS ISSUE:

Student Spotlight
New Spring Course - ADS4633/6633
Collegiate Cattlemen's - T-Shirt Sale

Know Your Admission Requirements
Spring AI School
2018 North Mississippi Beef Expo
Upcoming Extension Events

MISSISSIPPI STATE UNIVERSITY
Jessica Brown is an animal and dairy sciences major from Houma, Louisiana. She anticipates graduating in May 2019. Her favorite thing about home is the culture that the area has. She says south Louisiana is very unique. "There's just something about it being different that I love." We asked her what her favorite part about being a Mississippi State bulldog was and she said being able to be a part of the atmosphere during sporting events. Jessica said being able to be so hands-on with her college has truly been the main reason why she loves the College of Agriculture and Life Sciences so much. In her spare time, you can find her reading, listening to music, and being outdoors. After graduation, she plans to continue her education at Mississippi State's College of Veterinary Medicine.
NEW COURSE OFFERING FOR ANYONE INTERESTED IN VET SCHOOL OR PURSUING A CAREER WITH LIVESTOCK

THE DETAILS
Immunology and Disease in Large Livestock Species
Spring 2019 - ADS4633/6633 - MWF 10 to 10:50 - Dr. Stone
Also being offered online (Campus V) for schedule flexibility

TOPICS WILL INCLUDE
- The function and dynamics of the cattle and equine immune systems and what mechanisms aid in detection and defense within the body
- How vaccines work, how they differ, and when they are appropriate to use
- Differences in antibiotics, appropriate uses, and the importance of withholding
- Various diseases and health issues within equine and beef and dairy cattle, including why, when, and how these problems occur and their impact
- Why disease is an animal welfare issue.
- What are practical methods of disease control and their importance

MISSISSIPPI STATE ANIMAL & DAIRY SCIENCES
CONTACT DR. STONE AT AES784@MSSTATE.EDU FOR MORE INFORMATION
T-shirt’s proofs are here!!! If you would like to order our fall T-shirt, comment below or text or pm Alex Pittman with your name and tshirt size. They are comfort color and cost $20. Money will be due at our next meeting on October 2. We must have your money before ordering! We can also ship T-shirt’s for $8!
KNOW YOUR ADMISSION REQUIREMENTS

Freshman Resident Requirements

Admission Requirements

MS Residents

Full admission to Mississippi State University will be granted to high school graduates who complete the required College Preparatory Curriculum (CPC) along with one of the following:

- A minimum 3.20 grade-point average on the CPC.
- A minimum 2.50 grade-point average on the CPC and a composite score of 16 or higher on the ACT or a combined score of *860 or higher on the SAT.
- A minimum 2.0 grade-point average on the CPC and a composite score of 18 or higher on the ACT or a combined score of *940 or higher on the SAT.
- Standing in the top 50 percent of the class with a composite score of 16 or higher on the ACT or a combined score of *860 or higher on the SAT.
- Use College Board’s SAT Score Converter to compare scores from the old SAT and the new SAT.

*Scores listed are based on the new SAT.

Beginning in Fall 2015: Full admission to Mississippi State University will be granted to high school graduates who satisfy the National Collegiate Athletic Association standards for student-athletes who are full or partial qualifiers under Division I guidelines.
KNOW YOUR ADMISSION REQUIREMENTS

Freshman Non-Resident Requirements

Non-Residents

Beginning in Fall 2015: Full admission to Mississippi State University for non-residents of Mississippi will be granted to high school graduates who complete one of the following:

- Complete the College Preparatory Curriculum with a minimum 2.50 grade-point average and a composite score of 20 or higher on the ACT or a combined score of 1020 or higher on the SAT.
- Use College Board’s SAT Score Converter to compare scores from the old SAT and the new SAT.
- Satisfy the National Collegiate Athletic Association standards for student-athletes who are full or partial qualifiers under Division I guidelines.

*Score listed is based on the new SAT.
Transfer Requirements

Admission Requirements

Students may transfer to Mississippi State University from regionally accredited community, junior or senior colleges for any period of enrollment, provided they have earned a 2.0 GPA on all college courses attempted (as computed by Mississippi State University), as well as earned a 2.0 GPA on the 30-hours of core courses. Applicants must list all colleges attended on the application for admission, must be in good standing with the last college or university attended, and must meet one of the following options for admission.

Three Options for Admission

1. Complete the 30-hours of core courses listed below with a 2.0 GPA on those courses and earn an overall 2.0 GPA on all hours attempted*
   - **English Composition** – 6 semester hours
   - **College Algebra, Quantitative Reasoning, or a higher-level math** – 3 semester hours
   - **Natural Science** – 6 semester hours
   - **Humanities and Fine Arts** – 9 semester hours
   - **Social or Behavioral Sciences** – 6 semester hours
2. Earn an A.A. degree (associate in art) or a higher degree from a regionally accredited community, junior, or senior college with a 2.0 GPA*.
3. Meet the requirements for entering freshmen (based on your ACT/SAT scores and high school transcript) and earn an overall 2.0 GPA on all hours attempted*

*as computed by Mississippi State University
SPRING AI SCHOOL

Registration for Spring 2019 Artificial Insemination School is now available. The Course will be held March 14-16, 2019, and registration is $450. Email Brandi Karisch at brandi.karisch@msstate.edu for more information.
PLEASE JOIN US FOR THE 2018 NORTH MISSISSIPPI BEEF EXPO

OCTOBER 26, 8:00 A.M., BATESVILLE CIVIC CENTER
290 CIVIC CENTER DRIVE, BATESVILLE, MS 38606

8:00- Registration

9:00- Gene Lowery
“Preparing Cattle for the Feedlot Stage”

9:45- Dr. Jason Banta: Nutrition
“Pre-Weaning and Pre-Conditioning”

10:30- Break and Trade Show

11:00- Dr. Amelia Woolums: Stocker Health
“Disease Diagnosis and Prevention”

11:45- Lunch and Trade Show

12:45- Andy Berry: MS Cattlemen’s Association

1:15- Producer Panel

For more information, contact Lance Newman at lance.newman@msstate.edu or 662-832-4586.
UPCOMING EXTENSION EVENTS

Beef Extension - Dr. Brandi Karisch & Cobie Rutherford

Oct. 20-21, 2018 MSU Artificial Insemination Insemination School, MSU Campus
Oct. 26, 2018 North MS Beef Expo, Batesville, MS

Phone: (662) 325-7465 or brandi.karisch@msstate.edu
(662) 325-4344 or cobie.rutherford@msstate.edu
Beef Calendar: http://extension.msstate.edu/livestock/beef/beef-calendar

Dairy Events - Dr. Amanda Stone

Sept. 27-29, 2018 Breakfast on the Farm, Bearden Dairy, Starkville, MS

Phone: (662) 325-8773 or amanda.stone@msstate.edu
Website: http://extension.msstate.edu/dairy

4-H Events - Dr. Dean Jousan

August 2018 Animal Lines Newsletter that focuses on the District, State, and Regional 4-H Horse Shows held from June to last week is online:

(662) 325-2424 or dj230@msstate.edu www.http://extension.msstate.edu/4-h

Equine Events - Dr. Clay Cavinder

Contact Dr. Cavinder for information about programs and events.

Phone: (662) 325-7566 or clay.cavinder@msstate.edu
Website http://extension.msstate.edu/agriculture/livestock/equine/upcoming-programs
2018 Refereed Publications


Griffin, Courtney M., BS; Jenna A. Scott, BS; Brandi B. Karisch, MS, PhD; Amelia R. Woolums, DVM, MVSc, PhD, DACVIM, DACVM; John R. Blanton, MS, PhD; Ray M. Kaplan, DVM, PhD, DEVPC, DACVM; William B. Epperson, DVM, MS, DACVPM (Epidemiology); David R. Smith, DVM, PhD, DACVPM (Epidemiology). A randomized controlled trial to test the effect of on-arrival vaccination and deworming on stocker cattle health and growth performance. *The Bovine Practitioner*, Vol. 52, No. 1.


2018 Refereed Publications


2018 Refereed Publications


2018 Book Chapters: