



TEXAS A&M UNIVERSITY
College of Agriculture
& Life Sciences



THE DEPARTMENT OF ANIMAL SCIENCE

at Texas A&M University



Howdy,

As the largest and most diverse academic department of its kind in the nation and in the College of Agriculture and Life Sciences, the Texas A&M University Department of Animal Science takes pride in providing superior facilities, animals and resources to retain and attract the best and brightest faculty and students from around the globe. We provide hands-on, first-hand learning experiences to each student, preparing them to go beyond College Station to reach the world.

Our mission is to improve lives through discovery, integration, dissemination and application of science-based knowledge of animals and animal products. To effectively fulfill our mission, we have developed five areas of excellence to focus on within the department. Our goals for these areas are to provide focused areas of scholarship within the department for which we will be recognized as national and

international leaders. Those areas include:

- *Cattle Adapted to Tropical and Subtropical Environments*
- *Pregnancy and Developmental Programming*
- *Safety, Quality and Nutrition of Food Products*
- *Student and Stakeholder Engagement*
- *Quantifiable Animal Performance*

As technology and consumer trends have evolved, we too must ensure our facilities, experiential learning opportunities and research methods evolve to enable our faculty, staff and students the opportunity to generate new science and apply it to solving problems in animal protein industries.

It's essential that we generate science that our partners can trust and apply to the sustainability of livestock systems. To do this, we will need to be more creative and entrepreneurial to

effectively support our programs. A department as diverse as ours offers many collaborative opportunities. Your contributions will have a lasting impact on our students, faculty and the impact we make on the world.

Thanks & Gig 'em,



G. CLIFF LAMB, PH.D.
*Department Head of
Animal Science*



THE COLLEGE OF AGRICULTURE & LIFE SCIENCES

The College of Agriculture and Life Sciences is a founding pillar of Texas A&M University. Since its establishment in 1876, the college has evolved to advance agriculture in the state, address new challenges across disciplines and create solutions for the world's most complex issues through teaching, research and service. The college is home to 300 faculty experts and 7,622 students across 15 departments representing a community of scholars working to restore connections among people, agriculture, food, science and the economy.

WE GO BEYOND THE FIELD, LAB OR CLASSROOM

The Department of Animal Science has a deep and long-standing tradition of being a global leader in educating students, conducting innovative research and providing educational opportunities to livestock producers throughout Texas, the nation and the world.

The department was originally established in 1903 as the Department of Animal Husbandry. As enrollment and interest grew, the department continued to expand into what it is today, with an official name change to the Department of Animal Science in 1965.

Students are finding solutions for urgent global and local challenges in agriculture, health, education, public policy, economics and the environment. Today, the department has an undergraduate enrollment of 1,300 students, approximately 130 graduate students and 65 faculty members.

The Department of Animal Science has achieved national and international prominence as the largest and most complex department of animal science in the nation.



CHANGE LIVES WITH US



Contribute to Cutting-Edge Research

The Department of Animal Science has a rich tradition of excellence in domestic animal reproductive biology and technology, which affects not only animals, but human reproduction as well. In support of the strategic plan completed in 2019, the department is planning a state-of-the-art Animal Reproductive Biotechnology Center. Combining research, teaching, AgriLife Extension and public-private partnerships, this center will advance the department's vision to become a global leader in domestic animal pregnancy and developmental planning.



Help Feed the World

As technologies and consumer trends evolve, so must we to ensure our students leave our department prepared to tackle the world's challenges. To help our students in this endeavor, our facilities need to include the latest cutting-edge technologies. The Department of Animal Science wishes to develop a new state-of-the-art meat science and technology center to accommodate students, faculty and partners in the development of new techniques and products at every stage of the animal protein supply chain. This center will include new cutting-edge facilities, equipment for fabrication and storage of products, student training rooms, and office and retail space.



Build New Opportunities

The Department of Animal Science's research laboratories in the Kleberg Center have not been upgraded since the building was built in 1978. With more than 37,000 square feet of research laboratories in need of upgrading at a cost greater than \$400 per square foot, the necessary renovation will exceed \$15 million.

In order to attract the best scientists in the world to conduct cutting-edge research and train future researchers and problem solvers, the outdated research laboratories need to be upgraded.



Continue the Legacy

As the largest department of its kind, the Department of Animal Science strives to be the industry leader in setting the standard of animal care and facilities. Viewed as the "front door" to the department, the O.D. Butler Animal Science Teaching, Research and Extension Complex is where the majority of our animals are housed and is made up of the Beef Center, Swine Center, Sheep & Goat Center, the Thomsen Center for Animal Studies, and the Nutrition & Physiology Center. Each individual center has its own needs in terms of updates. Unique though they are, the underlying goals for all updates is to ensure that we are providing the best care and facilities possible for our animals as well as enhancing research and teaching capabilities.



Support Advancements in Animal Agriculture Outreach

Due to the continued growth of College Station and Texas A&M University, the Louis Pierce Pavilion, used by the Department of Animal Science for teaching classes and hosting AgriLife Extension activities that stretch beyond just the department's use, needs to be relocated. In this process, the department would like to update the new building to be a state-of-the-art facility that will continue to support teaching and extension activities, including judging contests, youth camps, clinics, livestock competitions and other events. This air-conditioned facility will feature a classroom, dirt arena and covered livestock pens.



Establish Industry Leaders

The Department of Animal Science is proud to play home to an impressive lineup of competitive teams: the Livestock Judging Team, the Horse Judging Team, Meat Judging Team, Wool Judging Team, Animal Welfare Judging Team, the Dairy Challenge Team, Stock Horse Team and the Texas A&M Rodeo Team. In order for these teams to remain competitive and to continue to develop the next generation of industry leaders through high-impact learning opportunities, competitive events and engagement with industry professionals, the department is seeking support through multiple endowments that will fund salaries for coaches, team travel, graduate student support and scholarships.



Invest in Education

The Department of Animal Science would not be the department it is today without its students and faculty. The department is seeking several support opportunities in the forms of graduate student fellowships, endowed professorships, endowed chairs and high-impact learning experiences to continue to train future industry leaders who will be better equipped to help solve global problems.

You can play a part in helping the Department of Animal Science improve lives through discovery, integration, dissemination and application of science-based knowledge of animals and animal products.



TAKE ACTION TODAY

Thank you for your interest in our students, faculty and staff and their goal to meet the needs of all citizens by solving global problems related to animal agriculture.

When you give to the Department of Animal Science, you help provide student fellowships, support our research and teaching efforts, and play a role in expanding scientific discovery in a field that feeds the world.

We'd love to connect with you! For more information on giving opportunities or visits to the department, contact us using the information on the back cover.



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a brighter future for Texas A&M
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As a nonprofit and the primary academic fundraising institution for Texas A&M, we aspire to be among the most trusted philanthropies in higher education. Our team works with former students, corporations and other Texas A&M supporters to match their charitable interests with the university's priorities. Gifts create scholarships, advance faculty endeavors, enhance student programs and fund campus construction, greatly enhancing Texas A&M's mission to provide the highest quality undergraduate and graduate programs and develop new understandings through research and creativity.

For more information, visit **txamfoundation.com**.

For more information, contact:



DEVELOPMENT OFFICE

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