

Chancellor's Century Council ADVANCING OUR RESEARCH ENTERPRISE

G. Cliff Lamb, Ph.D., Director

agriliferesearch.tamu.edu

2022: A year of success

Texas A&M AgriLife Research successes in FY22

- Record \$160 million in external funding
- Largest competitive grant in agency history, \$65 million:
 - Climate Smart Agriculture and Forestry
 - +\$5 million from The Texas A&M University System
 - Additional \$265 million climate smart commodities grants
- Initiation of the Texas A&M AgriLife Institute for Advancing Health Through Agriculture



2022: A year of success

Advancing targeted impacts

- Established the Texas A&M
 Institute for Equine Sciences
- Opened the Texas A&M Precision
 Phenotyping Greenhouse
- Launched the Cryo-EM Research Facility
- Approved relocation of Amarillo campus to Canyon



2022: A year of success

Acquisition of Thomas Ranch

- 2,265 acres in Richards, TX
- Supports 350+ cows
- 11,157 sq. ft. house with large concert hall
- Research, extension, education
 opportunities
- Property expected from the Texas A&M Foundation in 2023
- Task force developing action plan for utilization



Legislative Update: Texas A&M AgriLife Research Exceptional items



\$15 million

Repair damages

Facilities include Texas A&M AgriLife Research and Extension Center at Vernon. Texas A&M Foundation Seed

Increasing Texas A&M AgriLife **Research Capability**

\$15 million

Update 60- to 70-year-old facilities

Modernize capabilities at 13 regional centers

Train graduate students at research centers across Texas

Strategic Plan

A guide for the next 5 years

Four synergistic strategic priorities

Leading-edge research and innovations Sustainable production systems



Economic strength

Healthy living

Strategic Plan

Aligning with The Texas A&M University System strategic imperatives

Imperative #4

Increase prominence by building a robust and targeted research portfolio.

Imperative #5

Provide services that respond to the needs of the people of Texas and contribute to the strength of the state's economy.

Imperative #7

Pursue pioneering and progressive opportunities to address national and global challenges.

TAMUS Strategic Imperatives



Full strategic plan tx.ag/researchstrategicplan



Building upon success Emerging areas of focus

- Controlled environment agriculture
- Bioenergy
- Food supply chain safety
- PFAS The problem of 'forever chemicals' - Perand polyfluoroalkyl substances
- Many others Faculty
 input encouraged



Expanding Research Capacity

Integrating the School of Veterinary Medicine and Biomedical sciences



Ph.D. level scientists across all affiliated Texas A&M entities



Texas A&M AgriLife Research and Extension Centers across Texas

Regional Texas A&M University System institutions with AgriLife Research joint appointments Academic departments within the School of Veterinary Medicine and Biomedical Sciences integrated with AgriLife Research in 2022

15

Academic departments in the Texas A&M University College of Agriculture and Life Sciences

~\$300 Million Annual research expenditures due to agency leveraging GR funds to obtain over \$160 million in sponsored research projects each year \$1.1+ Billion

Annual economic gain from investments in Texas' public agricultural research over the past four decades

TEXAS A&M GRILIFE RESEARCH