

DEPARTMENT OF ANIMAL SCIENCE

<http://animalscience.tamu.edu/>

Interim Head: Dr. Clay Mathis

Advanced study in animal science offers preparation for a future in teaching, research, extension, livestock and dairy production, and in industries involving food technology, livestock products and livestock management. Majors offered are:

- Animal breeding: MS and PhD
- Animal science: MS, MAgr and PhD
- Equine industry management: MEIM
- Physiology of reproduction: MS and PhD

Graduate coursework in animal science fields is supported by coursework in agricultural economics, biochemistry, biophysics, biology, genetics, statistics, and in veterinary anatomy, microbiology, parasitology, pathology, physiology, pharmacology and public health.

Laboratories available for graduate research include cytogenetics, genomics, food technology, meat science, nutrition, molecular biology and reproductive physiology. The Robert Justus Kleberg, Jr. Animal and Food Science Center provides 39 laboratories for research and graduate training. Special equipment available in these laboratories or in readily accessible facilities, such as at the Computing Services Center, offer a wide array of opportunities for study and research.

Dairy, beef, horse, and swine herds and sheep and goat flocks at the main station or at research centers afford opportunities to study various problems in physiology, breeding, management, nutrition and production. The Rosenthal Meat Science and Technology Center, equipped to fabricate and process all meat foods on a semi-commercial scale, is available for research problems. Texas A&M AgriLife Research projects in all subject matter fields offer opportunities for graduate students to participate in current research activities.

Support areas such as biochemistry and biophysics, economics, genetics and statistics may be readily arranged. Food science and technology and nutrition courses are jointly listed.

There is no specific foreign language requirement for the Doctor of Philosophy degree. A student's advisory committee may require a foreign language or additional coursework in an unrelated area in lieu of a foreign language.

Faculty

Bazer, Fuller W, Distinguished Professor
Animal Science
PHD, North Carolina State University, 1969

Beck, Matt, Assistant Professor
Animal Science
PHD, Lincoln University, New Zealand, 2020

Brandao, Alice, Instructional Assistant Professor
Animal Science
DVM, SÃO PAULO STATE UNIVERSITY, 2013
PHD, Texas A&M University, 2021

Cardoso, Rodolfo, Associate Professor
Animal Science
DVM, Sao Paulo State University, 2005
PHD, Texas A&M University, 2014

Carstens, Gordon E, Professor
Animal Science
PHD, Colorado State University, 1998

Chao, Michael, Associate Professor
Animal Science
PHD, University of Nebraska, Lincoln, 2015

Clark, Karl, Associate Professor
Animal Science
PHD, University of Minnesota, 2003

Cooke, Reinaldo F, Professor
Animal Science
PHD, University of Florida, 2008

Daigle, Courtney L, Associate Professor
Animal Science
PHD, Michigan State University, East Lansing, MI, 2013

Dass, Sapna, Assistant Professor
Animal Science
PHD, Dublin Institute of Technology, 2020

Dunlap, Kathrin A, Instructional Professor
Animal Science
PHD, Texas A&M University, 2006

Gehring, Kerri B, Professor
Animal Science
PHD, Texas A&M University, 1994

Gill, Clare A, Professor
Animal Science
PHD, University of Adelaide, Australia, 2000

Gill, Jason J, Professor
Animal Science
PHD, University of Guelph, 2006

Hanagriff, Roger D, Instructional Associate Professor
Animal Science
PHD, Texas A&M University, 2002

Herring, Andy D, Professor
Animal Science
PHD, Texas A&M University, 1994

Ing, Nancy H, Professor
Animal Science
DVM, University of Florida, 1984
PHD, University of Florida, 1988

Kaniyamattam, Karun, Assistant Professor
Animal Science
PHD, University of Florida, 2016

Kerth, Christopher R, Associate Professor
Animal Science
PHD, Texas Tech University, 1999

Lamb, Graham C, Professor
Animal Science
PHD, Kansas State University, 1998

Legako, Jerrad, Associate Professor
Animal Science
PHD, Texas Tech University, 2011

Long, Charles R, Professor
Animal Science
PHD, Texas A&M University, 1972

Luense, Lacey, Assistant Professor
Animal Science
PHD, University of Kansas Medical Center, 2012

Macon, Erica, Assistant Professor
Animal Science
PHD, University of Kentucky, 2021

Mathis, Clay P, Professor
Animal Science
PHD, Kansas State University, 1998

Osburn, Wesley N, Associate Professor
Animal Science
PHD, University of Nebraska at Lincoln, 1996

Paudyal, Sushil, Assistant Professor
Animal Science
PHD, Colorado State University, 2018

Pohler, Ky Garrett, Associate Professor
Animal Science
PHD, University of Missouri, 2015

Poole, Rebecca, Assistant Professor
Animal Science
PHD, North Carolina State University, 2019

Ramsey, W, Professor
Animal Science
PHD, New Mexico State University, 1996

Riggs, Penny, Associate Professor
Animal Science
PHD, Texas A&M University, 1996

Riley, David Greg, Professor
Animal Science
PHD, Texas A&M University, 2000

Satterfield, Michael C, Professor
Animal Science
PHD, Texas A&M University, 2008

Savell, Jeffrey W, Professor
Animal Science
PHD, Texas A&M University, 1978

Skaggs, Chris L, Professor
Animal Science
PHD, Iowa State University, 1992

Taylor, Matthew, Professor
Animal Science
PHD, University of Tennessee, Knoxville, 2006

Tedeschi, Luis O, Professor
Animal Science
PHD, Cornell University, 2001

Tomaszewski, Michael A, Visiting Professor
Animal Science
PHD, North Carolina State University, 1972

Welsh, Thomas H, Professor
Animal Science
PHD, North Carolina State University, 1980

White-Springer, Sarah H, Associate Professor
Animal Science
PHD, University of Florida, 2014

Wickersham, Tryon A, Professor
Animal Science
PHD, Kansas State University, 2006

Wiegert, Jeffrey Glennon, Instructional Associate Professor
Animal Science
PHD, North Carolina State University, 2019

Wu, Guoyao, Professor
Animal Science
PHD, University of Alberta, Canada, 1989

Masters

- Master of Agriculture in Animal Science (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/magr/>)
- Master of Equine Industry Management in Equine Industry Management (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/equine-industry-reproduction-ms/>)
- Master of Science in Animal Breeding (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/animal-breeding-ms/>)
- Master of Science in Animal Science (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/ms/>)
- Master of Science in Physiology of Reproduction (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/physiology-reproduction-ms/>)

Doctoral

- Doctor of Philosophy in Animal Breeding (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/animal-breeding-phd/>)
- Doctor of Philosophy in Animal Science (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/phd/>)
- Doctor of Philosophy in Physiology of Reproduction (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/>)

agriculture-life-sciences/animal-science/physiology-reproduction-phd/)

Certificates

- Food Safety Certificate (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/food-safety-certificate/>)
- Meat Science Certificate (<https://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/animal-science/meat-science-certificate/>)