

# DEPARTMENT OF POULTRY SCIENCE

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**Head:** Audrey McElroy

**Graduate Advisors:** Rosemary Walzem

Continual growth in the poultry industry increases the need for technical knowledge in the various fields of science needed for a successful poultry business. In no field of agriculture is an understanding of the fundamental and applied sciences more marketable or more rewarding than in the modern intensive production of poultry meat and eggs. Because the bird is the basis for the department's graduate program, additional areas of interest include exotic and wildlife species as well as cellular and molecular studies using avian models. A major objective of the department is to offer training for work in research, teaching, extension, or industrial operations. We also strive to bridge the gap in both directions between courses in fundamental biochemistry, genetics, physiology, and economics and their practical application to the production of poultry and the care of all avian species.

The department offers graduate studies leading to the Master of Agriculture (traditional and online), Master of Science, and Doctor of Philosophy degrees. In addition to a major in poultry science, students may pursue majors through many intercollegiate faculties including nutrition, food science and technology, and genetics. Faculty expertise exists for study in genetics, reproduction, nutrition, biochemistry, physiology, environment, management, microbiology, processing, and marketing for all commercially-important species. The faculty are also actively involved in many of these disciplines for other avian species and in the pursuit of basic cellular and molecular knowledge.

## Faculty

Archer, Gregory, Professor  
Poultry Science  
PHD, Texas A&M University, 2005

Athrey, Giridhar N, Associate Professor  
Poultry Science  
PHD, University of Louisiana at Lafayette, 2009

Bailey, Christopher A, Professor  
Poultry Science  
PHD, Texas A&M University, 1982

Carey, John B, Professor  
Poultry Science  
PHD, Kansas State University, 1982

Farnell, Morgan B, Professor  
Poultry Science  
PHD, Texas A&M University, 2003

Farnell, Yuhua Z, Instructional Assistant Professor  
Poultry Science  
PHD, Texas A&M University, 2002

McElroy, Audrey, Professor  
Poultry Science  
PHD, Texas A&M University, 1998

Nelson, Jill, Instructional Assistant Professor  
Poultry Science  
PHD, Texas A&M University, 2020  
PHD, Texas A&M University-College Station, 2020

Walzem, Rosemary L, Professor  
Poultry Science  
PHD, University of California at Davis, 1987

Xu, Ziteng, Assistant Professor  
Poultry Science  
PHD, University of Missouri- Columbia, 2023

## Masters

- Master of Agriculture in Poultry Science (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/poultry-science/magr/>)
- Master of Science in Poultry Science (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/poultry-science/ms/>)

## Doctoral

- Doctor of Philosophy in Poultry Science (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/poultry-science/phd/>)