Poultry Science (POSC)

Faculty
Nick Anthony, Professor
Craig Bacon, Adjunct Professor
Luc Berghman, Adjunct Associate Professor
Walter G. Botje, Professor
Keith Bramwell, Extension Associate Professor
Roy D. Brister, Adjunct Professor
H. David Chapman, University Professor
Karen Christensen, Adjunct Associate Professor
Fred D. Clark, Extension Professor
Craig N. Coon, Professor
Dan Donoghue, Research Professor
Annie Donoghue, Research Professor
Sami Dridi, Associate Professor
Gisela F. Erf, Professor, Avian Immunology Professorship
Edward Fryar, Adjunct Professor
Casey Owens Hanning, Associate Professor
Irene Hanning, Adjunct Assistant Professor
Billy M. Hargis, Professor, Sustainable Poultry Health Chair
Geraldine Huff, Research Assistant Professor
William E. Huff, Research Professor
Michael T. Kidd, Professor
Byung-Whi Kong, Associate Professor
Wayne J. Kuenzel, Associate Professor
Young Min Kwon, Associate Professor
Yanbin Li, Professor
Richard H. Linton, Adjunct Professor
John R. Marcy, Extension Professor
Narayan C. Rath, Adjunct Research Professor
Douglas Duane Rhoads, Adjunct Professor
Michael F. Slavik, Professor
Carolyn Suzanne Stephens, Adjunct Assistant Professor
Guillermo Tellez-Isaías, Professor
Susan E. Watkins, Extension Professor
Bob Wideman Jr., Professor
Terry Wing, Adjunct Professor
Tom Yazwinski, Adjunct University Professor
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http://www.uark.edu/depts/posc/

Degrees Conferred:
M.S., Ph.D. (POSC)

Primary Areas of Faculty Research: Avian parasitology, avian physiology, avian virology, food safety/microbiology, immunology, molecular biology, poultry breeding and genetics, poultry economics, poultry enterprise operations, poultry health, poultry meat quality, poultry nutrition, poultry product technology, and turkey and egg product/management.

Areas of Study: Graduate studies may be pursued in those areas of primary faculty research. Poultry and laboratory animals are available for research programs in the Poultry Science Department.

Prerequisites to Degree Program: The student pursuing a program for a Master of Science degree must meet all general requirements of the Graduate School. In addition, the student must have completed the B.S. degree in a college or university with a major or equivalent in one of the areas of the poultry science department. All applicants must submit at least three letters of recommendation and scores on the Graduate Record Examinations.

For acceptance into the Ph.D. degree program, a grade-point average of 3.00 on all previous graduate work and scores on the Graduate Record Examinations must be presented.

Requirements for the Master of Science Degree: For the M.S. degree, at least 24 hours of course work and six hours of thesis must be completed. No more than 12 hours or three courses at the 4000 level may be used for credit. A maximum of four hours of 5000 Special Problems may be used for M.S. degree requirements. At least three courses should be taken in the Poultry Science Department. At least one seminar is required for all M.S. degree candidates. A minimum GPA of 3.0 is required for the M.S. degree. All M.S. candidates must complete a thesis based on their research and pass a final comprehensive exam with emphasis on thesis research. One manuscript suitable for publication in a refereed journal is required for each M.S. candidate to graduate.

Requirements for the Doctor of Philosophy Degree: Ph.D. candidates bypassing the M.S. degree must take at least 36 hours of course work approved by the student’s advisory committee with at least 24 hours of 5000 and 6000 level course work excluding Special Problems. No more than 12 hours or three courses at the 4000 level may be used for credit. A maximum of four hours of 5000 Special Problems may be used for the Ph.D. degree requirements. Students in the Ph.D program who have an M.S. degree must take at least 12 hours of 5000 and 6000 level course work excluding Special Problems. If not taken previously, a three hour statistics course is required for graduation for all Ph.D. candidates. A minimum of two seminars is required of all Ph.D. candidates. All Ph.D. degree candidates must take 18 hours of dissertation research. Admission to candidacy requires the candidate to take a comprehensive written exam as determined by members of the student’s Graduate Advisory Committee and a preliminary oral exam given by the Graduate Advisory Committee. Any student who fails the admission to candidacy exams will not be permitted to reschedule the exams for a six-month period. A second failure will lead to termination from the program. A final oral examination will be taken that is a defense of the dissertation. A minimum GPA of 3.0 is required for the Ph.D. degree. Two manuscripts suitable for publication in a refereed journal are required for each Ph.D. student to graduate. These papers will be evaluated by the Graduate Advisory Committee for comments and approval.