



# MISSISSIPPI STATE UNIVERSITY™

Department of Animal and Dairy Sciences  
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## **A Graduate Student Position in Swine Nutrition**

The Department of Animal and Dairy Sciences at Mississippi State University (Starkville, MS) is seeking self-motivated candidates with B.S. (Bachelor of Science) degrees in Animal Science, Veterinary Science, Meat Science, Biological Science, Human Nutrition, or related fields to fill a Master of Science (M.S.) graduate student position in the field of Molecular Swine Nutrition. Senior undergraduates without B.S. degrees are strongly encouraged to apply; however, his/her B.S. degree must be received before admission to Mississippi State University.

Desirable candidates should have excellent academic records and work ethic, plus solid training in working with farm animals, conducting laboratory bench work, or both. Laboratory experience in Biochemistry, Molecular/Cellular Biology, Muscle Biology, and/or Nutrition will be an asset for his/her application. The selected candidate is expected to conduct research projects studying nutrient regulation of muscle growth and development using porcine model. He/she should be interested in learning and applying a variety of research techniques in the fields of Animal/Swine Nutrition, Muscle Biology, and Molecular/Cellular Biology. The research data generated will be used for writing his/her graduation thesis and peer-reviewed publications.

The available Graduate Student Assistantship is supported by the Mississippi Agricultural and Forestry Experiment Station, and the candidate will be paid at least 11,000/year plus tuition. He/she should complete the university required academic course work and thesis research in 2 years.

Applicants should send a resume, a letter of application, academic transcripts, and three reference letters to Dr. Shengfa Liao ([sliao@ads.msstate.edu](mailto:sliao@ads.msstate.edu)) or Dr. Brian Rude ([brude@ads.msstate.edu](mailto:brude@ads.msstate.edu)) via e-mail or post-mail at Box 9815, Mississippi State University, Mississippi State, MS 39762, USA. The letter of application should address career goals, professional interests, and research experience and skills (including publication records, if available). The Office of the Graduate School may require TOEFL scores from international applicants. A selected applicant will be accepted for Spring 2013 or Fall 2013 semesters. Further inquiries can be sent to Dr. Liao by e-mail or phone (662-325-7318) and/or to the Office of the Graduate School at Mississippi State University.