



USDA-ARS, Livestock Behavior Research Unit,
Poultry Science Building,
Purdue University,
125 S. Russell St.,
West Lafayette,
IN 47907, U.S.A.



MS studentship on the development of the PigTurn® housing system and its application in studies of swine well-being

We are seeking a high-caliber student to conduct MS research on the development and refinement of the PigTurn, in collaboration with BioAnalytical Systems, Inc. of West Lafayette. The student will be registered in the Department of Animal Sciences, Purdue University. The project's overall objective is to bring to market a unique penning system that allows the continuous collection of biofluids, behavior and physiology of pigs without the need for restraint. The system will have dual applications to the pharmaceutical and biomedical sectors and to animal behavior and welfare research. The area of work for the MS will focus on elements of environmental enrichment, the fundamental understanding of physiological measures and the application of those measures during assessment of an animal's response to specific imposed stressors. The student will have the opportunity to learn key skills in the areas of animal behavior and stress physiology and also have the opportunity to learn surgical techniques and collaborate with colleagues in a range of disciplines, including biomedical engineering, industrial pharmacology and lab animal medicine.

The 2 year post and would be suitable for a graduate in biological/animal science or veterinary science. The position is open in May for early applicants, otherwise the position will start in August.

Further details can be obtained from the supervising scientist listed below. Formal expressions of interest should include:

- Personal details (including contact information)
- Academic history (including transcripts and any manuscripts submitted or published)
- Employment history
- Details of other notable achievements
- Why you are interested in conducting research for an MS
- Names and contact details of three referees

Dr Jeremy Marchant-Forde.

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The closing date for applications is 15th April 2008